PROTECTION SOLUTIONS

GUIDE

Australia and New Zealand V5

Ansell

Ansell strives to keep workers safe in all of their activities, no matter where they are or which industry they work in. Protecting people is what we do.

At the start of each day, workers in diverse industries around the world put on Ansell protection solutions before starting their tasks. They put their livelihoods – and their lives – in our hands, relying on our high-performance products to protect their hands and bodies, preserve their comfort and contribute to their overall well-being.

As a leading global provider of personal protective equipment with decades of experience, we take our customers' trust extremely seriously. Through dedicated R&D, extensive testing and the use of advanced new technologies, we work continuously to enhance the performance and comfort of our product portfolio. Even more, our proprietary service Ansell Guardian® allows us to assist our customers in selecting the right personal protective equipment solution for the task at hand, in order to increase overall business performance.

Our market position in hand, arm and body protection is driven by our customers, to which we strive to deliver optimal solutions that safeguard health and livelihoods. Our commitment to continuous improvement of products and services has enabled us to become the preferred supplier in Europe, the Middle East, Africa and beyond.

In this brand-new catalogue we proudly present our full range of chemical, liquid and mechanical protection solutions for hand, arm and body, including over 30 newcomers. Next to this comprehensive product overview, our customer service and territory sales managers will be delighted to add expert know-how and advice, explaining how we can help improve safety, productivity and cost performance in the best possible way.

Enjoy your journey through our world of protection!

Kind regards,

Rikard Froberg
Chief Commercial Officer EMEA-APAC

ANSELL

Ansell offers a wide range of protective gloves and clothing for an array of applications.

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Ansell

A WORLD LEADER IN PERSONAL PROTECTION SOLUTIONS

This is how our business works: an overview of Ansell's global sales, products and supply chain infrastructure.

Dedicated to safety

Ansell has been protecting people for over 100 years. We have created specialised teams to focus on the personal protection needs of workers in many industries. Our employees are dedicated to developing solutions that are based on the hazardous conditions that workers face on the job every day.

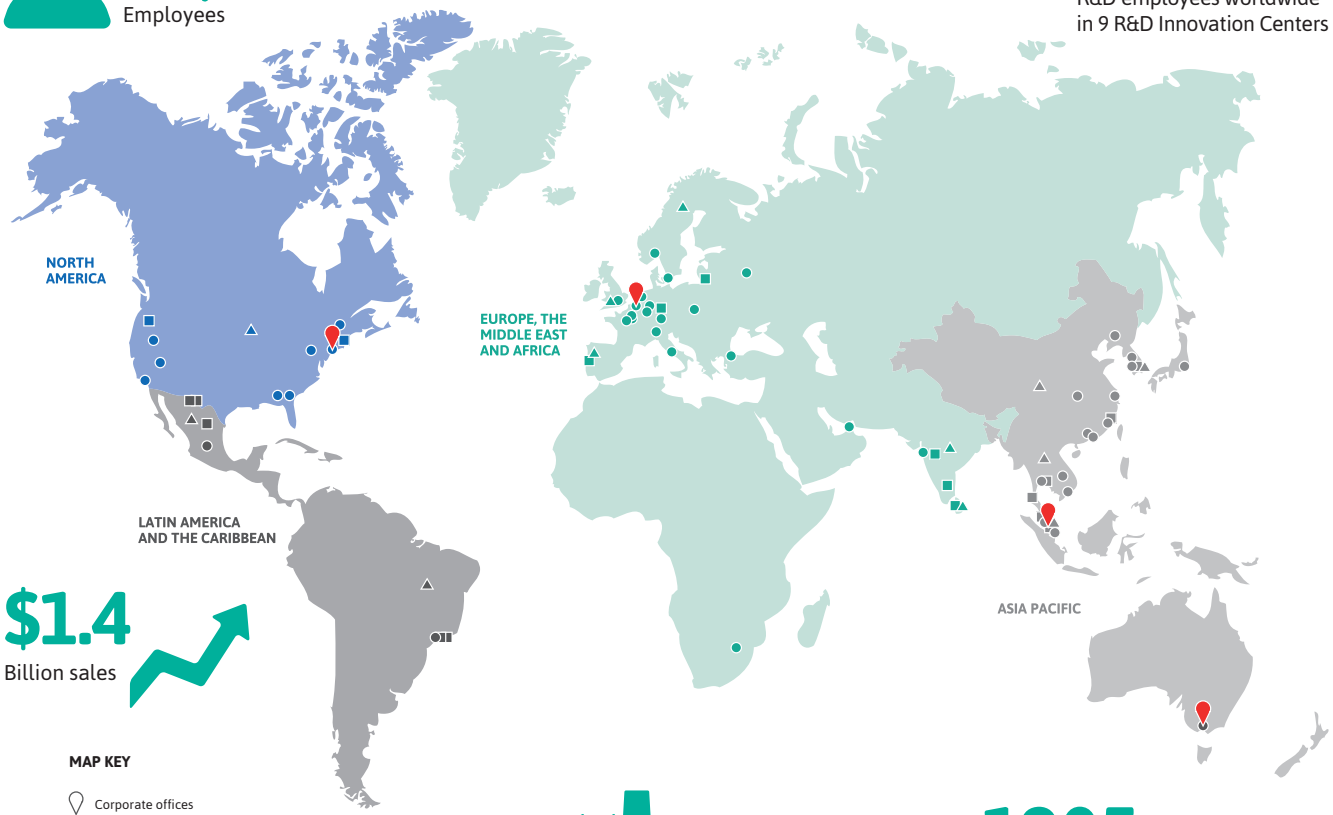
Ansell is dedicated to worker safety: we provide a comprehensive range of gloves and clothing to meet all worker and product protection requirements.

Fast facts

- 10 billion gloves and millions of protective coveralls manufactured each year
- Over 100 new product launches in the last 2 years
- Protection solutions provided for more than 25 specific industries
- Ansell solutions protect more than 10 million workers each day

13,000
Employees

200
R&D employees worldwide in 9 R&D Innovation Centers



$1.4
Billion sales

MAP KEY

- Corporate offices
- Operating facilities
- Manufacturing and distribution facilities
- Research and development facilities

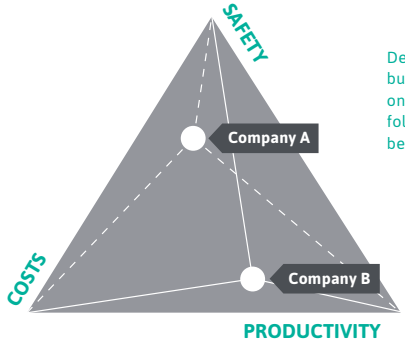
52
Facilities

1905
Founded in Australia

Ansell GUARDIAN®

FOCUS ON SAFETY TO IMPROVE YOUR BUSINESS PERFORMANCE

Ansell Guardian® is our proprietary service to help companies select the right personal protective equipment solution to improve their safety, productivity and cost performance.



Depending on the business objectives, one or more of the following solutions will be deployed.

An integrated approach

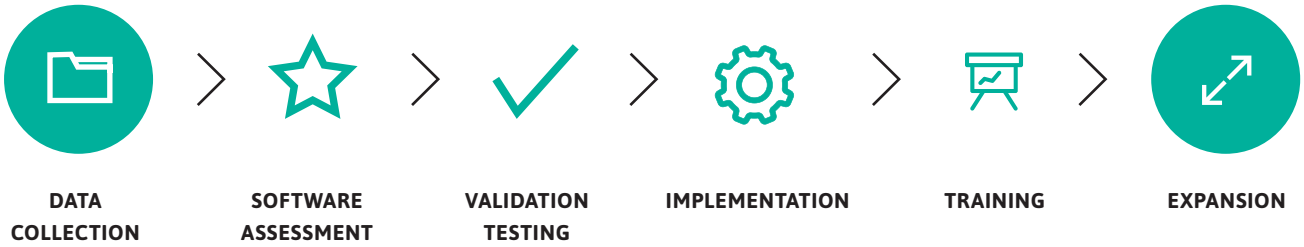
Ansell Guardian® partners with industrial and medical organisations to address the challenges in today's PPE environment and deliver measurable safety and business improvements.

Safety/compliance	Productivity	Costs
Personalised risk management solutions (industrial and chemical) and data-driven recommendations	Best practice recommendations to optimise PPE dispensing, improve output and eliminate waste	Business performance improvement/ implementation across 7 cost drivers that measure financial progress
Increased safety and compliance	**Improved productivity**	**Lower costs**

For more information on Ansell Guardian®, please visit **www.ansell.com/services**

What's the process?

By focusing on the most relevant areas, Ansell Guardian® can deliver best practice recommendations with the most impact for our customers' businesses. Our solutions can be implemented within a single application or entire site, locally or globally. We have the capability to consolidate data around different sites.



Proof points

Experience: More than 12.000 assessments conducted since 2010.
Results: Since July 2014, our recommendations have resulted in injury, reductions on an average of 65%, customers have decreased product styles by an average of 25%, and we have saved companies a total of $148 million, a $65,000 average.
Global: We operate in more than 55 countries.
Technology: Industry pioneer with the most advanced and proprietary technology and analytics.

Our operating principles

Partnership: While supplying safety solutions, we share our expertise to analyse, benchmark, implement and improve PPE-related operations and performance.
Adaptation: No matter what business, industry or application, we tailor and adapt solutions based on data-driven analytics.
Transformation: Full implementation of our recommendations to ensure the success of PPE change management initiatives.

Safety and Compliance

Ansell Guardian® helps our customers to improve worker safety and ensure compliance with safety regulations among the workforce.

Reduced injuries by 65%*

Reduced 6,400 major recordable injuries*

Reduced 9,200 first-aid injuries*

Productivity

Ansell Guardian® helps our customers to find the right PPE solution that allows for increased efficiency, better performance and improved productivity.

Decreased 2,100 references*

Decreased product styles by 25%*

Decreased SKUs by 10%*

Costs

Ansell Guardian® helps our customers to reduce injuries and follow-up costs, thus optimising your cost performance.

24% cost decrease by standardisation*

$6.24 million savings in injury reduction*

$148 million total savings*

* Data based upon Ansell Guardian® global surveys since 2014. Final results may vary
Source: Ansell Guardian® global surveys database since 2014.

For more information on Ansell Guardian®, please visit **www.ansell.com/services**

Ansell**GUARDIAN®**

CHEMICAL GLOVE AND SUIT SELECTION SIMPLIFIED

Ansell Guardian® Chemical simplifies the glove and suit selection process for your unique set of chemicals.

How Ansell Guardian® Chemical works

Ansell Guardian® Chemical evaluates the resistance of glove and suit materials against your chemicals to offer a risk assessment with expected permeation breakthrough times. This assessment can either be carried out during a personal consultation with one of our Ansell Guardian® specialists or online by using our chemical permeation database. As a result, selecting the right chemical glove and suit has never been easier.

CAS	Chemical Name	%
100-21-0	Terephthalic acid	100
100-41-4	Ethylbenzene	100
107-66-4	Dibutyl phosphate	100
108-31-6	Maleic anhydride	100
110-82-7	Cyclohexane	100
141-43-5	Ethanolamine	100

Material safety data sheet (MSDS)

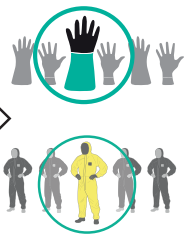
Ansell Guardian® Chemical

Software assessment

Material				Butyl	LLDPE	Neoprene	Nitrile	Nitrile	Nitrile	Nitrile	Nitrile	Nitrile/Neoprene	Viton Butyl
Thickness (mm)				0.35	0.062	N.A.	0.12	0.38	0.425	N.A.	N.A.	0.19	0.7
Product Name / Style				ChemTek	Barrier	Scorpio	TouchNTuff	Solvex	Solvex	AlphaTec	AlphaTec	Microflex	ChemTek
Type	CAS	Chemical name	%	38-514	02-100	08-352.354	92-500.600.605 / 93-250.300.760	37-675.676	37-600	58-128	58-530.535	93-260	38-629
sgl	110-54-3	n-Hexane	100	<10'	>480'	58'	>480'	>480'	>480'	>480'	>480'	>480'	>480'
sgl	123-86-4	Butyl acetate	100	60-120'	>480'	9'	<10'	29'	44'	<10'	27'	10-30'	132'
sgl	7664-93-9	Sulphuric acid	98	60-120'	>480'	240-480'	<10'	30-60'	60-120'	10-30'	60-120'	30-60'	>480'

Suit Type				Non-Gastight	Non-Gastight	Non-Gastight	Non-Gastight	Gastight	Gastight	Gastight
Brand				MICROGARD	MICROCHEM	MICROCHEM	MICROCHEM	TRELLCHEM	TRELLCHEM	TRELLCHEM
Type	CAS	Chemical name	%	2200	3000	4000	5000	SUPER	VPS	EVO
sgl	100-42-5	Styrene	100		<1'	302'				
sgl	67-56-1	Methanol	100	>480'	>480'	>480'	>480'	>480'	>480'	>1440'
sgl	67-64-1	Acetone	100	<1'	28'	>480'	>480'	>480'	>480'	>1440'

Evaluation



Simplification

Your benefits

Safety | **Performance** | **Compliance**

An optimal solution for selecting the right chemical glove and suit

- Estimated permeation breakthrough times for both single and mixed chemicals
- Confidence that goes with knowing you are always selecting the right chemical product
- A comprehensive range of gloves and suits to cover workers' needs across different industries and applications
- Global sales, business support and availability of technical documentation

For more information on Ansell Guardian®, please visit **www.ansell.com/services**

ANSELL GUARDIAN® PERSONALISED CHEMICAL ASSESSMENT ANYTIME

Ansell Guardian® Chemical evaluates the resistance of glove and suit materials with your chemicals to offer a personalised assessment with expected permeation breakthrough times. The Ansell Guardian® Chemical database contains over 7,000 single chemicals and 17,500 mixed chemicals. Over the past four years, our chemical experts have conducted over 20,000* assessments.

Gloves

Material				Butyl	LLDPE	Neoprene	Nitrile	Nitrile	Nitrile	Nitrile	Nitrile	Nitrile/Neoprene	Viton Butyl
Thickness (mm)				0.35	0.062	N.A.	0.12	0.38	0.425	N.A.	N.A.	0.19	0.7
Product Name / Style				ChemTek	Barrier	Scorpio	TouchNTuff	Solvex	Solvex	AlphaTec	AlphaTec	Microflex	ChemTek
Type	CAS	Chemical name	%	38-514	02-100	08-352.354	92-500.600.605 / 93-250.300.700	37-675.676	37-900	58-128	58-530.535	93-260	38-628
sgl	110-54-3	n-Hexane	100	<10'	>480'	54'	>480'	>480'	>480'	>480'	>480'	>480'	>480'
sgl	123-86-4	Butyl acetate	100	60-120'	>480'	9'	<10'	29'	44'	<10'	27'	10-30'	132'
sgl	7664-93-9	Sulphuric acid	98	60-120'	>480'	240-480'	<10'	30-60'	60-120'	10-30'	60-120'	30-60'	>480'

Permeation Breakthrough Times (min)	
<10	Not Recommended
10-30	Splash Protection
30-60	Splash Protection
60-120	Medium Protection
120-240	Medium Protection
240-480	Good Protection
>480	Good Protection

Clothing

Suit Type				Non-Gastight	Non-Gastight	Non-Gastight	Non-Gastight	Gastight	Gastight	Gastight
Brand				MICROGARD	MICROCHEM	MICROCHEM	MICROCHEM	TRELLCHEM	TRELLCHEM	TRELLCHEM
Type	CAS	Chemical name	%	2300	3000	4000	5000	SUPER	VPS	EVO
sgl	100-42-5	Styrene	100	<1'		303'				
sgl	67-56-1	Methanol	100	>480'	>480'	>480'	>480'	>480'	>480'	>1440'
sgl	67-64-1	Acetone	100	<1'	28'	>480'	>480'	>480'	>480'	>1440'

Permeation Barrier Performance
No Barrier
Splash/limited barrier
Medium barrier
Good barrier

Permeation breakthrough times - $BT_{1.0}$

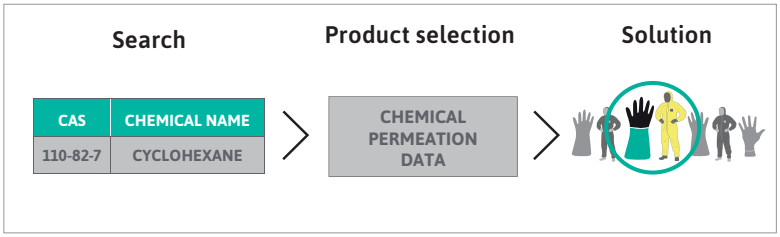
The $BT_{1.0}$ is the time taken (in minutes) for the chemical in question to be permeating through the material at a rate of 1.0 µg cm^{-2} min^{-1}. This can be determined using any of the following standard test methods: EN 374-3 and ISO 6529. It is commonly utilised mainly within the regions concerned with the EN and ISO standards.

Disclaimer: Permeation breakthrough times evaluate the time necessary for a chemical to pass through a glove or suit material. Recommendations are based on extrapolations from laboratory test results and information regarding the composition of chemicals and may not adequately represent specific conditions of end use. Synergistic effects of mixing chemicals have not been accounted for. For these reasons, and because Ansell has no detailed knowledge of or control over the conditions of end use, any recommendation must be advisory only and Ansell fully disclaims any liability including warranties related to any statement contained herein.

NEW DIGITAL SOLUTION

Powerful NEW digital tool allows easy access to chemical permeation data for hazardous substances, including ASTM, EN and ISO standardised lists of challenge chemicals.

Our new digital solution is designed to simplify the selection of Ansell hand and body protection solutions. This tool offers an instant visual evaluation and an easy-to-use search functionality including the unique Chemical Abstracts Service (CAS) number system. For specific chemical protection challenges, an expert assessment is also available to provide a simplified set of choices, drawn from our broad portfolio of chemical protection solutions.



For up-to-the-minute chemical permeation data, please visit:
www.ansellguardianpartner.com (hand protection)
www.ansell.com/permeation (body protection)

* Source: Ansell Guardian chemical database since 2014.

FINDING THE RIGHT PPE SOLUTION WITH THIS GUIDE

This guide has been designed to make it easy for you to find the right personal protective equipment solution. One that perfectly fits the application for which it's needed.
This step-by-step guide explains how to use the information provided to efficiently select the appropriate hand, arm or body protection.

Step 1 – Choose the type of protection

Determine which type of protection is required for your application. Our products are divided into two types of protection: hand/arm protection and body protection.

Step 2 – Identify the risk

Based on the risk involved, choose the correct protection category and segment. This will result in a range of appropriate gloves, sleeves, suits and/or accessories.

Protection type	Protection category	Protection segment	Page
HAND AND ARM PROTECTION	**Mechanical protection**	Multi-purpose	24
		Cut protection	34
		Oil-repellent	53
		Special purpose	57
	Chemical and liquid protection	Chemical solutions	68
		Single use solutions	86
Protection type	**Protection category**	**Protection segment**	**Page**
BODY PROTECTION	**Liquid spray and splash protection**	Limited/single use	110
	Particulate or low hazard liquid protection	Limited/single use	125
	Chemical flame retardant protection	Limited/single use	142

INDUSTRY ICON LEGEND

For every product, check the icons below to find out the recommended industries. You can also consult our industry guide which provides a selection of products per industry (p. 145).

- Aerospace
- Agriculture & viticulture
- Automotive
- Automotive Aftermarket
- Building & construction
- Chemical
- Defence
- Diving
- Electronics
- Fire & rescue
- First responder
- Food processing & services
- Glass
- Industry
- Janitorial services
- Law enforcement
- Logistics & warehousing
- Machinery & equipment
- Maintenance
- Metal fabrication
- Mining
- Oil processing & refining
- Pharmaceutical & life sciences
- Public utilities
- Recreational diving
- Recycling
- Shipping
- Surface rescue
- Transport

BRANDS

Our brand portfolio is composed of five core brands: ActivArmr®, AlphaTec®, HyFlex®, Microflex® and TouchNTuff®. Product offerings are comprised of versatile hand, arm and body protection solutions that provide superior comfort, performance and protection, no matter what industry or application. Consult our product index to view all products classified by brands (p. 155).

Brand	Category	Positioning	Features and benefits

ACTIVARMR®	Specialised protection	ActivArmr® gloves and safety wear provide protection for risky applications in extreme conditions.	• Multiple segments
			  • Thermal protection
			  • Impact protection
			• High-risk applications

AlphaTec®	Chemical protection	AlphaTec® gloves and clothing provide complete assurance in chemical-risk environments.	• Chemical protection • Multi-hazard protection technology • Wide selection of materials and polymers • Supported and unsupported gloves • Multi-duty selection • Wet/dry grip options for gloves

HyFlex®	Mechanical protection	HyFlex® gloves and sleeves empower workers to perform safely and productively when faced with industrial risks.	• Multiple segments
			  • Cut protection
			  • Multi-purpose
			  • Oil protection
			• Engineered for comfort

MICROFLEX®	Single use	Microflex® disposable gloves go beyond protection to take worker comfort, performance and productivity to new levels through proprietary technologies that deliver improved grip, enhanced chemical resistance and ergonomic designs for a superior fit.	• Increased barrier integrity (0.65 AQL on many styles) • Enhanced strength and durability • Dual certification (EN 455 Medical and PPE) on many gloves • Wide polymer selection • Range of colours and sizes
TouchNTuff®	Single use	TouchNTuff® disposable gloves provide superior tactility and resilience for work in industrial, lab and controlled environments.	• Enhanced chemical splash protection • Broad clean/sterile offering • Silicone-free construction • Wide polymer selection

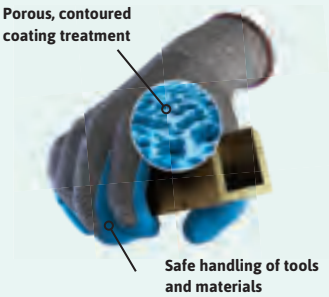
WORKER EXPERIENCE INNOVATION

Over the years, Ansell has pioneered many innovations in glove design that have become industry standards. Transforming global insights about end user needs into technology-based solutions that enhance workers' comfort, performance and protection is the hallmark of our innovation.

Performance technologies

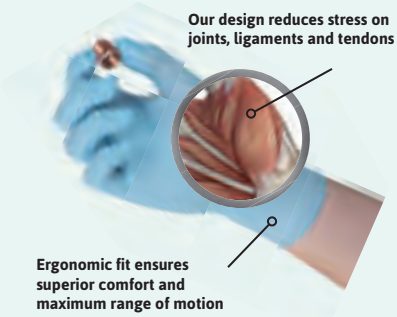
ANSELL GRIP™
Ansell Grip Technology

ANSELL GRIP™ is a coating treatment that minimises the force required to grip dry, oily and wet tools or materials, reducing hand and arm fatigue and improving dexterity, safety and productivity.



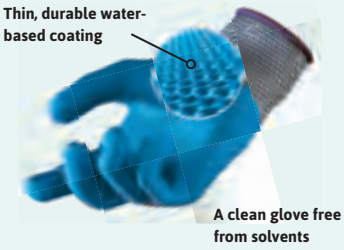
ERGOFORM™
Ergonomic Design Technology

ERGOFORM™ is a technology that enables Ansell to design safety solutions that support musculoskeletal health during repetitive tasks to improve worker performance.



FORTIX™
Abrasion Resistance Technology

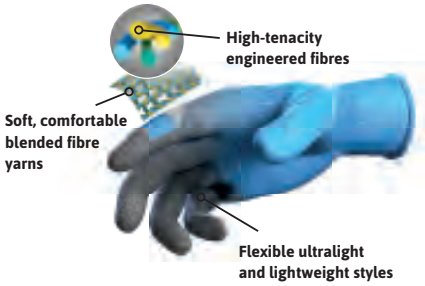
FORTIX™ technology enhances the coating performance by integrating a resilient polymer formulation throughout the glove coating and/or in targeted high wear areas to extend the working life of the glove while improving worker comfort.



Protection technologies

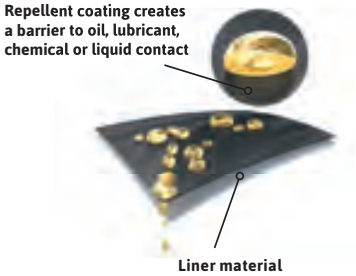
INTERCEPT™
Cut Resistance Technology

INTERCEPT Technology® blends engineered, synthetic and natural fibres into high-performance yarns that provide high cut protection in targeted areas of cut risk, along with great comfort and high dexterity.



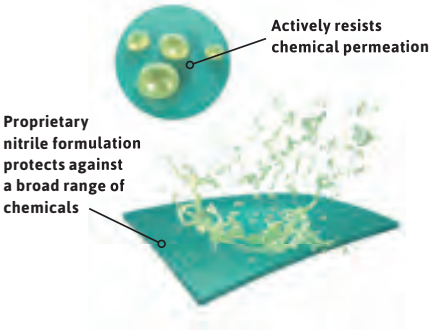
RIPEL™
Liquid Repellence Technology

RIPEL™ technology is a repellent surface barrier that prevents oils, lubricants, chemicals or other liquids from making even incidental contact with the wearer's skin.



TNT™
Chemical Splash Resistance Technology

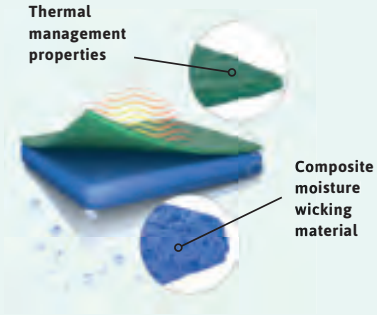
TNT™ is a proprietary polymer formulation that provides superior splash resistance against a wide range of hazardous chemicals, for durable protection with a soft, comfortable feel.



Comfort technologies

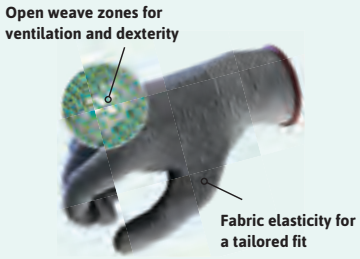
AQUADRI™
Moisture Management Technology

AQUADRI™ features a composite material that wicks perspiration into its micropores and disperses heat for a drier, cooler and more comfortable fit.



ZONZ™
Comfort Fit Technology

ZONZ™ knitting comfort technology uses selected yarns and varying knit construction to optimise overall glove fit and enhance hand movement for higher dexterity and reduced fatigue.



OUR UNIQUE VEND-READY PACKAGING

With an innovative vending concept and comprehensive global support, safety and convenience go hand in hand.

40 branded styles available including HyFlex®, AlphaTec® and TouchNTuff®

Successfully placed in over 50,000 vending machines worldwide

Compatible with most leading vending machines including helix and carousel

Shrink-wrapped folded gloves ensure a tight package for consistent vending

Patent-pending folding technique assures consistent dispensing of product

No more guessing what glove style and size you are selecting from the machine

Global support

- All global distributor locations and factories can source the same products
- Global sales support team
- Providing just-in-time delivery with inventory in strategic locations throughout Europe and Asia
- Fully integrated into our Ansell Guardian® methodology, including sales data, rationalisation analysis and product placement optimisation

A vending concept that benefits your business

- Saves on labour costs by eliminating repackaging
- Consistent length, width and thickness measurements reduce refill time
- Proven dispensing of product reduces downtime of vending machines
- Sell sheets with detailed specifications

LOOK FOR THE ICON

Every product available in vend-ready packaging is stamped with the vending icon in the product pages.

VENDING

OUR VEND-READY PORTFOLIO

Brand and style	Coating material	Liner material	Sizes	Page
Mechanical protection				
Multi-purpose				
HyFlex® 11-618 VP	Polyurethane	Nylon	8, 9, 10, 11	25
HyFlex® 11-800 VP	Foam nitrile	Nylon	6, 7, 8, 9, 10, 11	25
HyFlex® 11-801 VP	Foam nitrile	Nylon	8, 9, 10, 11	26
HyFlex® 11-818 VP	Foam nitrile	Nylon, Spandex	8, 9, 10, 11	27
HyFlex® 11-840 VP	Foam nitrile	Nylon, Spandex	7, 8, 9, 10, 11	28
HyFlex® 48-101 VP	Polyurethane	Nylon	8, 9, 10, 11	29
ActivArmr® 97-012 VP	Foam nitrile	Nylon, Spandex	8, 9, 10	30
Cut protection				
HyFlex® 11-435 VP	Water-based polyurethane and nitrile	Polyester, Spandex, INTERCEPT Technology® yarn	8, 9, 10, 11	41
HyFlex® 11-500 VP	Nitrile	Lycra®, Nylon, Kevlar®	8, 9, 10, 11	42
HyFlex® 11-518 VP	Polyurethane	Nylon, Spandex, Dyneema®	8, 9, 10, 11	36
HyFlex® 11-627 VP	Polyurethane	Lycra®, Nylon, Dyneema®	8, 9, 10, 11	45
HyFlex® 11-724 VP	Polyurethane	Seamless liner with INTERCEPT Technology® yarn	6, 7, 8, 9, 10, 11	46
HyFlex® 11-735 VP	Polyurethane	Seamless plaited liner with INTERCEPT Technology® yarn	6, 7, 8, 9, 10, 11	47
ActivArmr® 97-013 VP	Polyurethane and nitrile	Lycra®, Nylon, Kevlar®	8, 9, 10	49
Chemical and liquid protection				
AlphaTec® 58-270 VP	Nitrile	Nylon	8, 9, 10, 11	71

Brand and style	Protection segment	Protection category	Sizes	Page
Body protection				
MICROGARD® 1800 STANDARD V	Particulate or low hazard liquid protection	Limited/single use	S, M, L, XL, 2XL	129

GUIDE TO EUROPEAN STANDARDS FOR PROTECTIVE GLOVES AND SLEEVES

Ansell gloves and sleeves sold in Europe have been certified as per the European Union's Personal Protective Equipment Directive (PPE 89/686/EEC) and relevant EN standards, and are CE marked. Between April 2018 and April 2019, we will recertify our PPE products according to the new PPE regulation 2016/425. As many of our gloves and sleeves comply with the European standards, these are explained in this section.

EN 388 – Mechanical protection
This standard applies to all kinds of protective gloves in respect of physical and mechanical aggressions caused by abrasion, blade cut, puncture and tearing.

Performance level rating		1	2	3	4	5
EN 388:2003 abcd	**a** Abrasion Resistance *(Cycles)*	100	500	2000	8000	–
	b Blade Cut Resistance *(Coupe Test/Index)*	1.2	2.5	5.0	10.0	20.0
	c Tear Resistance *(Newtons)*	10	25	50	75	–
	d Puncture Resistance *(Newtons)*	20	60	100	150	–

Expanded performance level rating according to EN 388:2016 (a–f)		A	B	C	D	E	F
EN 388:2016 abcdef	**e** EN ISO Cut Resistance *(Newtons)*	2	5	10	15	22	30
	f EN Impact Protection	PASS or FAIL					

Note: Level X can also be applied for a through e above, which means "not tested" or "not applicable"

EN 388:2016: main changes from the previous EN 388:2003 standard

1. ABRASION

New abrasion paper used in testing.

2. CUT

New procedure for Coupe Test which also determines if dulling occurs. If dulling occurs, the new EN ISO 13977 test method becomes the reference whilst the Coupe Test would only be indicative.

3. IMPACT

Test method for areas claiming impact protection. "P" for pass whilst no code will apply in case of fail.

EN ISO 374 – Chemical protection and/or protection against micro-organisms
This standard specifies the capability of gloves to protect the user against chemicals and/or micro-organisms.

Micro-organisms

	Performance levels	1	2	3
EN 374:2003 **EN level ≥ 2** EN ISO 374-5:2016 VIRUS	**Old:** AQL (Acceptable Quality Level) for liquid penetration. A high index number is poor and a low index number is good. Gloves need to pass water and air leak test, and this test method remains unchanged as per the new EN ISO 374 standard. **New:** in addition to testing for protection from bacteria and fungi, each glove can be tested for its protection against viruses with a new viral penetration test.	4.0	1.5	0.65

Chemical protection

EN 374:2003 XYZ

Old: breakthrough time > 30 minutes for at least three chemicals from this list (XYZ represent the code letters for three of these chemicals for which the glove obtained > 30 minutes breakthrough time).

A. Methanol
B. Acetone
C. Acetonitrile
D. Dichloromethane
E. Carbon disulphide
F. Toluene
G. Diethylamine
H. Tetrahydrofurane
I. Ethyl acetate
J. n-Heptane
K. Sodium hydroxide 40%
L. Sulphuric acid 96%

Additional chemicals
M. Nitric acid 65%
N. Acetic acid 99%
O. Ammonium hydroxide 25%
P. Hydrogen peroxide 30%
S. Hydrofluoric acid 40 %
T. Formaldehyde 37%

EN ISO 374-1:2016 Type C

New:

Type C At least Level 1 performance (more than 10 minutes) against at least one chemical on the list – cuffs are also tested.*

EN ISO 374-1:2016 Type B XYZ

Type B At least Level 2 performance (more than 30 minutes) against at least three chemicals on the list – cuffs are also tested.*

EN ISO 374-1:2016 Type A UVWXYZ

Type A At least Level 2 performance (more than 30 minutes) against at least six chemicals on the list – cuffs are also tested.*

Performance level	0	1	2	3	4	5	6
Minutes	< 10	10	30	60	120	240	> 480

The beaker icon (low chemical resistance/waterproof) has been eliminated.

* Only if the glove is >= 40 cm

EN 420 – General requirements	
	This pictogram indicates that the user has to consult the 'instructions for use'.

Note: The CE marking is a mandatory conformity mark, certifying that a product has met the European Union's consumer, safety and/or environmental requirements. The initials CE do not stand for any specific words.

EN 407 – Heat protection

	Performance levels	1	2	3	4
EN 407 ABCDEF	A. Burning behaviour (after flame and after glowtime)	< 20 secs no requirement	< 10 secs < 120 secs	< 3 secs < 25 secs	< 2 secs < 5 secs
	B. Contact heat (contact temperature and threshold time)	100 °C > 15 secs	250 °C > 15 secs	350 °C > 15 secs	500 °C > 15 secs
	C. Convective heat (heat transfer delay)	> 4 secs	> 7 secs	> 10 secs	> 18 secs
	D. Radiant heat (heat transfer delay)	> 7 secs	> 20 secs	> 50 secs	> 95 secs
	E. Small drops molten metal (number of drops)	> 10	> 15	> 25	> 35
	F. Large quantity molten metal (mass)	30 g	60 g	120 g	200 g

EN 511 – Cold protection

	Performance levels	0	1	2	3	4
EN 511 ABC	A. Convective cold Thermal insulation ITR in m^2. °C/W	|< 0.10	0.10 <|< 0.15	0.15 <| 0.22	0.22 <|< 0.30	0.30 <|
	B. Contact cold Thermal resistance R in m^2. °C/W	R < 0.025	0.025 < R < 0.050	0.050 < R < 0.100	0.100 < R < 0.150	0.150 < R
	C. Water penetration test	Fail	Pass	-	-	-

Note: 0 is the lowest rating while 4 is the highest.

EN 421 – Radioactive contamination and ionising radiation

EN 421	Gloves protecting from direct contact with radioactive substances.	EN 421	Gloves protecting from direct contact with radiations (X-ray, alpha-, beta-, gamma- or neutron radiations).

EN 60903 – Electrical insulating gloves

	Gloves protecting from electrical voltage.

EN 14605:2005+A1:2009

EN 14605:2005 + A1:2009	Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4]).

Stay informed. Visit the Ansell EN Standards Resource Center: **ansell.com/enresourcecenter**

GUIDE TO EUROPEAN STANDARDS FOR CHEMICAL PROTECTIVE CLOTHING

To assist you with the selection of appropriate protection solutions based on the exposure risk, the EU developed six types of chemical protective clothing (CPC).

Certification of a particular type offers an indication of your suit's protection against a particular hazard (gas, liquid or dust). As a manufacturer, it is our responsibility to ensure that Ansell meets the requirements of these standards, where applicable. Please be aware that conformance to these type standards does not mean that your suit is 100% impervious to your hazard. Under these tests, suits are only required to meet the minimum performance requirements specified. In the case of the Type 5 particulate test, for example, suits are allowed individual leakages of up to 30%, providing the average for the suits tested is less than 15%. Ansell manufactures products according to ISO 9001, thus ensuring as far as is reasonably possible they consistently achieve the desired protection level.

Current European types of chemical protective clothing		
Symbol*	**EN "types"**	**Definition**
TYPE 1	**EN 943-1 and 2** Type 1	**Gas-tight chemical protective clothing** Protective clothing against liquid and gaseous chemicals, aerosols and solid particulates
TYPE 1a	Type 1a	› **Gas-tight, self-contained breathing apparatus inside the suit**
TYPE 1a-ET	Type 1a-ET	› **Type 1a for emergency teams**
TYPE 1b	Type 1b	› **Gas-tight, self-contained breathing apparatus outside the suit**
TYPE 1b-ET	Type 1b-ET	› **Type 1b for emergency teams**
TYPE 1c	Type 1c	› **Gas-tight, with breathable air supplied via continuous flow airline respirator**
TYPE 2	**EN 943-1** Type 2	**Non-gas-tight chemical protective clothing** Suits which retain positive pressure to prevent ingress of dusts, liquids and vapours **Note:** As of edition 2015 of EN 943-1, Type 2 is no longer specified.
TYPE 3	**EN 14605** Type 3	**Liquid-tight suits** Suits which can protect against strong and directional jets of liquid chemicals
TYPE 4	**EN 14605** Type 4	**Spray-tight suits** Suits which offer protection against saturation of liquid chemicals
TYPE 5	**EN ISO 13982-1** Type 5	**Dry-particulate protection** Suits which provide protection to the full body against airborne solid particulates
TYPE 6	**EN 13034** Type 6	**Reduced-spray suits** Suits which offer limited protection against a light spray of liquid chemicals
Additional standards		
Symbol*	**EN "types"**	**Definition**
EN 1073	**EN 1073-1****	Ventilated protective clothing against radioactive particulate contamination
	EN 1073-2**	Non-ventilated protective clothing against radioactive particulate contamination
EN 14126	**EN 14126**	Protective clothing against infective agents (Type suffixed with "-B" – i.e. Type 3-B) indicates approval to this European norm
EN 1149-5	**EN 1149-5**	Protective clothing with electrostatic properties***
EN ISO 27065	**EN ISO 27065**	Protective clothing – protective suits for operators applying liquid pesticides
DIN 32781	**DIN 32781**	Protective clothing – protective suits against pesticides
EN ISO 14116 INDEX 1/3/5	**EN ISO 14116**	Protective clothing – limited flame spread materials, material assemblies and clothing
EN 12941	**EN 12941**	Respiratory protective devices – powered filtering devices incorporating a helmet or a hood
EN 14594	**EN 14594**	Respiratory protective devices – continuous flow compressed airline breathing apparatus

Disclaimer: Ansell garments are available for most applications. However, please note that a detailed assessment of the nature of the hazard and the working environment should be undertaken prior to the selection of appropriate PPE. Ansell provides the information in this product catalogue to assist you with selecting the correct product, but responsibility for the correct choice of PPE remains with the user.

* Type approvals do not necessarily apply to accessories. Always refer to the garment label and instructions-for-use document which will indicate the protection level offered.

** Gives no protection against ionising radiation. *** Always ensure the garment and wearer are properly grounded.

HAND AND ARM PROTECTION

MECHANICAL PROTECTION
CHEMICAL AND LIQUID PROTECTION

KNOW YOUR GLOVES AND SLEEVES

To ensure optimum performance in a given application, each Ansell protective solution is designed with unique characteristics. A wide range of types of construction, cuff styles and sizes ensures that you get the right glove and/or sleeve for the job. Here, you can quickly familiarise yourself with these characteristics in order to make the best PPE decisions.

Glove cuff style

Cuff	Description
	Beaded Provides increased protection from liquid droplets, as well as increased cuff strength.
	Gaiter Debris-excluding cuff that can be rolled back and worn as gauntlet if desired.
	Gauntlet Provides added protection and length (usually 10 cm or longer), allowing maximum movement of the wrist.
	Jagged edge More form-fitting to clothing, offers one-piece construction to ensure a secure fit.
	Knitwrist Designed to hold gloves in place and prevent debris from entering the glove.
	Nitragold™ Protects much better from liquids, oil and dirt than a standard safety cuff.
	Pinked Traditional cuff finish.
	Safety Extends a piece of protective material over the wrist area (usually 7 cm in length) for added protection and easy donning.
	Slip-on Supports easy donning and doffing.
	Straight Provides additional length to protect forearm from liquid run-off.
	Tuff-Cuff™ II Helps retain cuff shape even after multiple laundering cycles, keeping gloves in place and protecting the sensitive wrist area.
	Velcro® Adjustable wrist closer.

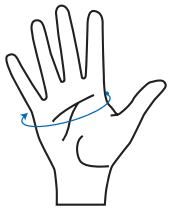
Glove and sleeve construction

Construction	Description
Knitted undipped	Close fitting ensures good dexterity and improved productivity. Seamless construction avoids hand irritations due to seams.
Knitted dipped	The coating provides enhanced abrasion resistance, grip and/or liquid repellence to the knitted liner, for increased performance and protection.
Cut and sewn, impregnated or coated	By dipping or impregnating the fabric into a synthetic compound, the glove becomes stronger and gains additional abrasion resistance.
Supported	Made by dipping a knitted or woven cloth liner into the glove compound - the liner "supports" the compound and adds strength.
Unsupported	The hand forms are dipped directly in the glove compound with no supporting liner or fabric.
Lined	Lined gloves have an internal knitted or woven liner that adds increased mechanical protection and improved sweat management.
Unlined	Unlined gloves do not have a knitted or woven internal liner. As a general rule, they have a higher degree of dexterity and tactility but provide lower resistance against mechanical hazards.
Flocked	Flock-lined gloves have an internal coating of short cotton fibres, which promotes easier donning of gloves, as well as improved comfort.

FIND THE RIGHT GLOVE SIZE

Correct sizing is essential for ensuring glove comfort. The ideal way to determine size is with a dressmaker's cloth tape. Use it to measure the circumference of the palm of the hand at its widest point, in millimetre. Cross-reference that measurement against the table provided here. Most gloves with knitwrist are colour coded for size identification as below.

	XS	S	M	L	XL	XXL
Size	6	7	8	9	10	11
Hand circumference	152 mm	178 mm	203 mm	229 mm	254 mm	279 mm
Cuff colour	Purple	Red	Yellow	Brown	Black	Light blue

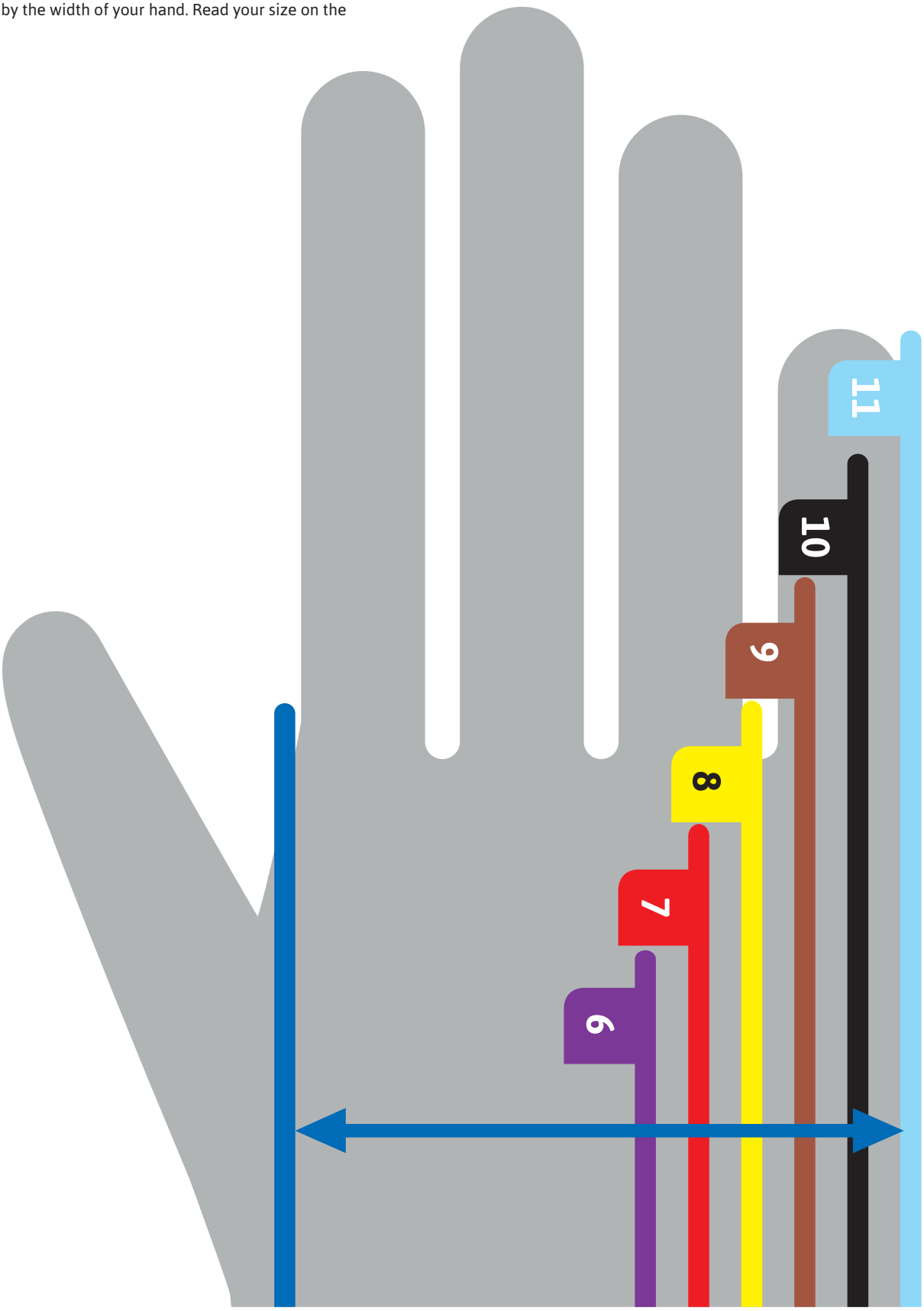


Note: This chart is intended to be used as a guide only.

CHECK YOUR GLOVE SIZE

Place your right hand palm down on the drawing with your fingers together. Your index finger should be aligned with the blue line (but not over it), your thumb crotch placed correspondingly to the portrayed hand.

Size is indicated by the width of your hand. Read your size on the coloured lines.



MECHANICAL PROTECTION

MULTI-PURPOSE
CUT PROTECTION
OIL-REPELLENT
SPECIAL PURPOSE

FINDING THE RIGHT MECHANICAL PROTECTION SOLUTION

Determine which protection segment and duty level is needed for your application. You will find hand and arm protection solutions matched to a wide variety of safety needs and work environments.

Protection category	Protection segment	Duty level
MECHANICAL PROTECTION	**Multi-purpose** Hand protection solutions for situations that demand increased versatility: varying degrees of protection, dexterity and grip for a wide range of applications.	LD Light duty MD Medium duty HD Heavy duty
	Cut protection The right level of cut protection and comfort for your hands and arms, regardless of which minimal or maximum levels of protection are required when handling parts with sharp edges.	LD Light duty MD Medium duty HD Heavy duty
	Oil-repellent Multi-purpose or cut resistant gloves for safety and superior grip in moderately oily and slippery environments when handling small or sharp parts.	LD Light duty MD Medium duty HD Heavy duty
	Special purpose Maximum performance for jobs that require versatile properties including protection against: • Electrostatic discharge (ESD) • Vibration • Heat • Electric shock • Impact • Cold	LD Light duty MD Medium duty HD Heavy duty

DETERMINE WHICH GLOVES OR SLEEVES BEST SUIT YOUR NEEDS

We have designed this catalogue to make it easy for you to find the right PPE solution. One that perfectly matches the application for which it is needed. This product index page explains how to use the information provided to select the appropriate hand or arm protection.

What to look for

1. Protection category, protection segment and duty level
2. Product name and style, protection segment and duty level
3. Specifications such as construction, liner and coating material, finishing, gauge, cuff style, size, length and packaging
4. Industries where the product is recommended
5. Risk category and performance ratings
6. Featured technologies
7. Extra features
8. Detailed product description
9. Ideal applications within the industries

LINER MATERIALS

Liner materials	Benefits	Characteristics
Acrylic	• Comfort • Thermal protection	• Soft, warm and comfortable • Good wicking
Cotton	• Comfort • Thermal protection	• Hypoallergenic, soft, absorbent and comfortable
Dyneema®/HPPE	• Cut protection	• High cut and abrasion resistance • Low-linting • Cool feeling
Dyneema® Diamond Technology	• Cut protection	• Excellent cut resistance achieved with extremely thin fibres
Glass fibre	• Cut protection	• Cut resistant and lightweight
INTERCEPT™	• Cut protection • Comfort	• High cut resistance • Soft and comfortable • High dexterity
Kevlar®	• Comfort • Heat protection	• Versatile and strong to protect from cut and thermal hazards
Leather	• Abrasion • Heat protection	• Very good abrasion resistance • Heat resistance
Lycra®/Spandex	• Comfort	• Outstanding stretchability • Reduce risk for allergies
Nylon/Polyamide	• Comfort	• Strong abrasion resistance • Low-linting
Polyester	• Comfort	• Good tenacity • Abrasion resistance
Stainless steel	• Cut protection	• Very strong and highly cut resistant
Thermolite®	• Thermal protection	• Great thermal insulation in cold environments

COATING MATERIALS

Coating materials	Characteristics
Nitrile	• Abrasion resistant • Liquid repellent • No strikethrough
Nitrile foam	• Breathable • Abrasion resistant • Dry grip
Natural rubber latex	• Dry and wet grip • Liquid resistant
Neoprene	• Dry, wet and oil grip
Polyurethane (PU)	• Dry grip • Very good abrasion resistance
Water-based PU	• Dry grip • More environmentally friendly (vs. solvent-based PU) • No strikethrough
PVC	• Good abrasion resistance • Dry, wet and oil grip

MULTI-PURPOSE SOLUTIONS

Brand	Style	Page
LD Light duty		
HyFlex®	11-618	25
HyFlex®	11-800	25
HyFlex®	11-801	26
HyFlex®	11-818	27
HyFlex®	11-840	28
HyFlex®	48-100	29
HyFlex®	48-101	29
HyFlex®	11-849	29
Stringknits™	76-200	30
ActivArmr®	97-012	30
Brand	**Style**	**Page**
MD Medium duty		
Hylite®	47-400	31
Hylite®	47-402	31
Hylite®	47-409	31
Hyd-Tuf®	52-547	31
HD Heavy duty		
EDGE®	48-701	32
EDGE®	48-705	32
EDGE®	48-706	32
EDGE®	16-650	33
Powerflex®	80-100	33

HyFlex® 11-618

MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon
Coating material	Polyurethane
Finishing	Palm coated
Gauge	18
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	195 - 245
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
3121X

EXTRA FEATURES

Anti-static
Vending

The reference for tactility, dexterity and flexibility

DESCRIPTION

- Almost like a second skin, these very thin gloves offer outstanding comfort, fit and tactility for the most delicate handling in dry or slightly oily environments
- Also ideal for applications where cotton gloves or no gloves at all are used despite the risk of scrapes, blisters and minor injuries
- In addition, the dark liners are well-suited for environments that present a certain degree of dirt

Remark: fit for special purpose

IDEAL APPLICATIONS

- Light-assembly tasks
- Final assembly: airco, electrical engines, wire harness assembly
- Finishing works
- Cosmetics/plastics
- Picking and fitting small pieces
- White goods and electrical goods

HyFlex® 11-800

MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	200 - 265
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
3131A

EXTRA FEATURES

Anti-static
Latex-free
Silicone-free
Vending

TECHNOLOGIES

ZONZ™ Comfort Fit Technology

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100 1408033 Centexbel
Tested for harmful substances.
www.oeko-tex.com/standard100

Improved design for enhanced breathability and comfort

DESCRIPTION

- Ansell's best-selling HyFlex® 11-800 glove, the original nitrile foam glove, is better than ever.
- A highly versatile solution for precision assembly and general handling, it provides the perfect balance between comfort, dexterity and enhanced grip.
- Advanced knitting technology allows for increased stretch and flexibility in high-stress areas: the hand operates more freely, improving comfort and reducing hand fatigue.

Remark: fit for special purpose.

IDEAL APPLICATIONS

- General handling
- Light-assembly tasks, mounting of small parts
- Assembly of white goods
- Feeding the lines
- Warehouse work

HyFlex® 11-801

MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	200 - 265
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
3131A

EXTRA FEATURES

Anti-static
Latex-free
Silicone-free

TECHNOLOGIES

ZONZ™ Comfort Fit Technology
OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100
1408033 Centexbel
Tested for harmful substances. www.oeko-tex.com/standard100

Improved design delivers enhanced comfort in a dirt-masking colour

DESCRIPTION

- Ansell's HyFlex® 11-801 gloves are ideal for dry or slightly oily applications that require light mechanical protection and high levels of handling finesse.
- Our legendary first-to-market foam coating provides more breathability that extends workers' comfort.
- The use of spandex elastics prevents risk of latex allergy, while the silicone-free glove reduces potential contamination of the products.

Remark: fit for special purpose.

IDEAL APPLICATIONS

- General handling
- Light-assembly tasks, mounting of small parts
- Assembly of white goods
- Feeding the lines
- Warehouse work

HyFlex® 11-818

MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon, Spandex
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	18
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	200 - 248
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016

3121A

EXTRA FEATURES

Latex-free | Silicone-free | Vending

TECHNOLOGIES

FORTIX™ Abrasion Resistance Technology

ZONZ™ Comfort Fit Technology

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100 1408033 Centexbel Tested for harmful substances. www.oeko-tex.com/standard100

Barehand-like comfort and tactility with high durability

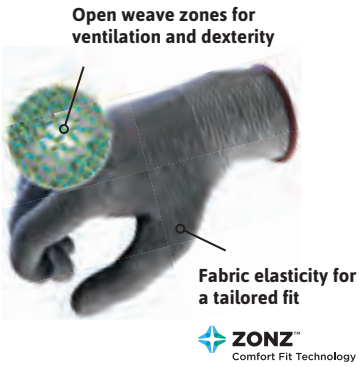
DESCRIPTION

- Under abrasive conditions, the ultra-thin FORTIX™ nitrile foam coating provides longer continuous wear times, extends glove life and reduces total cost of ownership
- The FORTIX™ coating provides enhanced dry grip and is more breathable than earlier formulations, for cooler, drier hands and less sweat
- The seamless 18-gauge nylon-spandex liner has a barehand feel, offering breathability, comfort and enhanced fingertip sensitivity for precision tasks
- Ansell ZONZ™ comfort fit technology matches natural hand contours for improved support, breathability and range of movement
- Silicone-free material means no transfer of silicone contaminants to metal parts prior to painting

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly of dry parts
- Feeding the lines
- Fine mounting of small parts, nuts and bolts
- Handling of small/fine parts
- Screwing and unscrewing



HyFlex® 11-840

MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon, Spandex
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11, 12
Length (mm)	200 - 270
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4131A

EXTRA FEATURES

Silicone-free
Vending

TECHNOLOGIES

FORTIX™ Abrasion Resistance Technology

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100 1408033 Centexbel
Tested for harmful substances.
www.oeko-tex.com/standard100

Extreme durability and superior fit for precision handling in abrasive applications

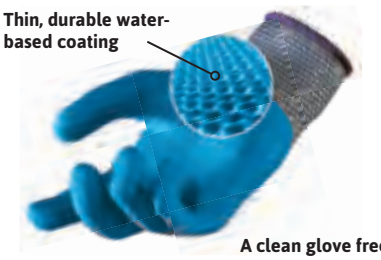
DESCRIPTION

- The tough 1.1 mm FORTIX™ nitrile foam coating offers outstanding abrasion performance, extending durability in light duty applications.
- The FORTIX™ coating is more breathable than earlier formulations, for cooler, drier hands and less sweat.
- Matching the natural contours of the hand, the snug, second-skin liner is tailored to create a more comfortable wearing experience: at the base of the little finger (added comfort), across the fingertips (superior tactility), and through the palm (greater dexterity)
- With its balance of robust abrasion performance, enhanced comfort and high dexterity, the HyFlex® is an ideal solution for workers who move between tasks.
- Silicone-free material means no transfer of silicone contaminants to metal parts prior to painting.

Remark: fit for special purpose.

IDEAL APPLICATIONS

- Assembly of small and medium parts
- Feeding the lines
- Screwing and unscrewing
- General handling
- Raw materials reception



A clean glove free from solvents

FORTIX™ Abrasion Resistance Technology

HyFlex® 48-100/48-101
(ex-Sensilite® 48-100/48-101)

MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon
Coating material	Polyurethane
Finishing	**48-100/48-101:** Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	200 - 265
Packaging	12 pairs in a bag; 12 bags in a carton

HyFlex® 48-101

HyFlex® 48-100

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4131A

EXTRA FEATURES

Vending

Comfort and protection for lightweight applications

DESCRIPTION

- Designed for light applications that require good levels of comfort and abrasion resistance
- Offering precise handling of small objects in dry or light oily environments, the HyFlex® 48-10x series is the practical choice when you are looking for dexterity
- Providing enhanced safety, dexterity and durability compared to other glove options often used in the same applications

Remark: fit for special purpose.

IDEAL APPLICATIONS

- Assaembling, inspecting and packing small components
- Light-assembly tasks
- Delicate manipulation
- Warehouse work

HyFlex® 11-849

MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon, Spandex
Coating material	Foam Nitrile
Finishing	Fully coated
Gauge	18
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	210 - 255
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4121A

EXTRA FEATURES

Anti-static

TECHNOLOGIES

ANSELL GRIP™
Ansell Grip Technology

FORTIX™
Abrasion Resistance Technology

Stay focused. We got your back covered.

DESCRIPTION

Designed to provide all around comfort and protection across scratches, snags and dirt through:

- 360° breathable coating provides additional protection on the back hand, without compromising on comfort
- FORTIX™ all around protection for a longer continuous wear time in abrasive dry environments
- ANSELL GRIP™ technology for a sure grip and a safer day at work
- Ergonomic design for a secured and comfortable fit to optimize worker performance

IDEAL APPLICATIONS

- Feeding the lines
- General handling
- Maintenance
- Raw materials reception

Stringknits™ 76-200

MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon
Gauge	13
Cuff style	Knitwrist
Size	7, 8, 9, 10
Length (mm)	190 - 235
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
214XA

EXTRA FEATURES

Latex-free
Silicone-free

Light, stretchy gloves available in various materials and finishes

DESCRIPTION

- Can be worn on their own or as liners
- No seams to rub or irritate
- Glove construction allows good air flow to the hand: hands don't become hot and sweaty
- Ambidextrous: no need to pair, therefore more economical
- Washable at 40°C: will not shrink, stiffen or lose their shape, more hygienic for the wearer and better value for the provider

IDEAL APPLICATIONS

- Application of mastic, sealers in paintshops
- Delicate manipulation
- Fine assembly of dry parts
- General handling
- Packaging

ActivArmr® 97-012

MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon, Spandex
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	7, 8, 9, 10, 11
Length (mm)	215 - 272
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
3131A

EXTRA FEATURES

Latex-free
Silicone-free
Vending

Keeping workers safe and seen

DESCRIPTION

- Increases workers' safety in low-visibility and low-light conditions
- Tactility/dexterity to complete intricate tasks more efficiently
- Excellent wet and dry grip to prevent injury from slippage
- Superior all-day comfort reduces hand fatigue

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly and inspection
- Digging
- Hand signalling
- Material handling
- Repair and maintenance

Hylite® 47-400/47-402/47-409

MULTI-PURPOSE/MEDIUM DUTY

Construction	Cut and sewn
Liner material	Interlock cotton
Coating material	Nitrile
Finishing	**47-400:** ¾ dipped **47-402/47-409:** Fully coated
Cuff style	**47-400/47-402:** Knitwrist **47-409:** Nitragold™
Size	**47-400/47-402:** 7, 8, 8.5, 9, 10 **47-409:** 9, 10
Length (mm)	**47-400/47-402:** 270 **47-409:** 290
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
3111A

EXTRA FEATURES

Anti-static
Latex-free
47-409
Silicone-free

Hylite® 47-400

Hylite® 47-402

Hylite® 47-409

A versatile alternative to cotton, light leather and PVC gloves

DESCRIPTION

- A versatile alternative to cotton, light leather and PVC
- The special nitrile formulation provides an excellent combination of flexibility, mechanical resistance and oil repellence
- Natural hand shape – easier to wear for long periods
- Silicone-free to ensure cleanliness of metal sheets

IDEAL APPLICATIONS

- Assembling and inspecting engine parts and small components
- Stamping operations
- General handling
- Shipping and receiving
- Refuse collection

Hyd-Tuf® 52-547

MULTI-PURPOSE/MEDIUM DUTY

Construction	Cut and sewn
Liner material	Cotton jersey
Coating material	Nitrile
Finishing	Palm impregnated
Cuff style	Safety cuff
Size	9, 10
Length (mm)	280
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
3111B

EXTRA FEATURES

Anti-static
Latex-free

Nitrile-impregnated coating on a jersey liner

DESCRIPTION

- Supersedes the classic leather general-purpose glove in medium-duty applications: more flexible, comfortable and far more hard-wearing
- Offers superior resistance to abrasion and good protection against snags and puncture
- Effectively repels grease, oil and dirt
- Absorbs perspiration, keeping the hand dry and comfortable for longer
- Excellent dry grip
- Safely machine-washable: will not shrink, stiffen or lose its shape

IDEAL APPLICATIONS

- Assembly and finishing
- Gas and electricity supply
- General purpose – offshore
- Handling light castings and metal parts
- Maintenance
- Operating machinery
- Warehouse work

EDGE® 48-701/705

MULTI-PURPOSE/MEDIUM DUTY

Construction	Knitted
Liner material	Polyester
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	220 - 270mm
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES **CATEGORY II**

PERFORMANCE RATINGS

EN 388:2016
4342B

Cost effective solutions for medium weight applications

DESCRIPTION

- Good dexterity and flexibility
- High cut protection and abrasion level
- Good grip in dry environment
- Palm dipping provide good protection against oil compared to a knitted or cut and sew glove

IDEAL APPLICATIONS

- Aeronautics
- Assembling metal parts and components
- Assembly
- Handling sharp or irregular-edged metal parts
- Plastics injection and moulding

EDGE® 48-706

MULTI-PURPOSE/MEDIUM DUTY

Construction	Knitted
Liner material	HPPE, Glass fiber, Nylon, Polyester, Spandex
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	220 - 270mm
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES **CATEGORY II**

PERFORMANCE RATINGS

EN 388:2016
4X43C

Cost effective solution for medium weight applications requiring high level of cut performance in dry or slightly oily environments

DESCRIPTION

- Made of a seamless liner, palm dipped into foam nitrile coating
- EN ISO 13997 rated level C provides a good level of cut resistance.
- The nitrile foam coating delivers very good performance in terms of abrasion resistance and grip.
- The choice for medium to heavy duty applications that require abrasion, grip and cut protection
- The best alternative against heavy duty leather and polyurethane palm dipped cut resistant knitted gloves.

IDEAL APPLICATIONS

- General Maintenance
- Hardware assembly
- Machining / Stamping / Cutting
- Molding
- Plastic injections
- Raw material handling
- Seat and frame build

Gladiator® 16-650

MULTI-PURPOSE/HEAVY DUTY

Construction	Cut and sewn
Liner material	Interlock cotton
Coating material	Natural rubber latex
Finishing	Fully coated
Cuff style	Gauntlet
Size	7, 8, 9, 10
Length (mm)	310
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 X241 | EN 388:2016 2121C | EN 374:2003 | EN 407 X2XXXX | EN 374:2003

Natural rubber coating on an interlock liner

DESCRIPTION

- Crinkle finish provides excellent wet and dry grip on slippery surfaces
- Ergonomically designed to follow the natural shape of the hand and ensure safer handling
- Good cushioning
- AQL of 1.5 (EN 374)

IDEAL APPLICATIONS

- Green spaces maintenance
- Handling of slippery plastics, tiles and ceramics
- Waste collection

Powerflex® 80-100

MULTI-PURPOSE/HEAVY DUTY

Construction	Knitted
Liner material	Cotton, Polyester
Coating material	Natural rubber latex
Finishing	Palm coated
Gauge	10
Cuff style	Knitwrist
Size	7, 8, 9, 10
Length (mm)	250 - 280
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 2242 | EN 388:2016 2242B

EXTRA FEATURES

Silicone-free

Superb mechanical performance with comfort and a sure grip

DESCRIPTION

- Designed for a wide range of handling and carrying applications
- Thanks to its natural rubber coating, the Powerflex® 80-100 glove delivers excellent overall mechanical performance for maximum protection and durability
- The latex coating's raised crinkle finish gives the glove an excellent grip in both dry and wet conditions
- The automatic knitted liner delivers an optimally tensioned inner surface for superb fit and flexibility

IDEAL APPLICATIONS

- Construction materials handling (concrete, bricks and tiles)
- General handling
- Refuse collection
- Shipping and receiving

CUT PROTECTION SOLUTIONS

Brand	Style	Page
LD Light duty		
HyFlex®	11-518	36
HyFlex®	11-531	36
HyFlex®	11-537	36
HyFlex®	11-539	36
HyFlex®	11-541	37
HyFlex®	11-937	38
HyFlex®	11-939	38
Polar Bear® Grey	74-047	39
Polar Bear®	74-301	39
Therm-A-Knit™	78-150	39
ActivArmr®	97-002	40
ActivArmr®	97-003	40
MD Medium duty		
HyFlex®	11-200	41
HyFlex®	11-435	41
HyFlex®	11-500	42
HyFlex®	11-501	42
HyFlex®2	11-515	43
HyFlex®2	11-542	44
HyFlex®2	11-624	45
HyFlex®	11-627	45
HyFlex®	11-628	45
HyFlex®	11-630	46
HyFlex®	11-638	46
HyFlex®	11-724	46
HyFlex®	11-727	47
HyFlex®	11-735	47
HyFlex®	11-751	47
PRO 1™	74-030	48
Polar Bear®	74-045	48
HyFlex®	74-500	49
ActivArmr®	97-013	49
HD Heavy duty		
NitraSafe®	28-329	50
Ansell®	59-801	50
GoldKnit™	70-225	51
Vantage®	70-761	51
Vantage®	70-765	51
Powerflex®	80-600	52
Powerflex®	80-658	52

redefine your
COMFORT
ZONE™
HyFlex
Change bad habits
Explore new protection solutions
Be better protected
Redefine your COMFORT ZONE™
www.ansell.com/comfortzone
HyFlex®

HyFlex® 11-518

CUT PROTECTION/LIGHT DUTY

Construction	Knitted
Liner material	Nylon, Spandex, Dyneema® Diamond Technology
Coating material	Polyurethane
Finishing	Palm coated
Gauge	18
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	210 - 265
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
3X31B

EXTRA FEATURES

Vending

TECHNOLOGIES

Ultra-lightweight cut resistant glove

DESCRIPTION

- EN Level 3 abrasion protection for extended glove life
- Dyneema® Diamond Technology fibre to maintain a comfortable skin temperature while offering extreme dexterity and protection in applications with cut risks
- Ergonomic fit to make this glove feel like a second skin
- The soft ultralight liner keeps hands cool and dry, and offers enhanced flexibility and fingertip sensitivity

Remark: fit for special purpose

IDEAL APPLICATIONS

- Final assembly
- Handling and assembly of small or ultra-fine sharp parts
- Machining
- Packaging areas with risk of cut
- Stamping – light and dry
- Wire assembly and fastening

HyFlex® 11-531/11-537/11-539

CUT PROTECTION/LIGHT DUTY

Construction	Knitted
Liner material	Seamless plaited liner with INTERCEPT Technology® yarn
Coating material	Foam nitrile
Finishing	**11-531:** Palm coated **11-537:** ¾ dipped **11-539:** Fully coated
Gauge	18
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	200 - 270
Packaging	12 pairs in a bag; 12 bags in a carton

HyFlex® 11-531

HyFlex® 11-537

HyFlex® 11-539

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4X42B

EXTRA FEATURES

Anti-static | Latex-free | Silicone-free | Vending

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

INTERCEPT™ Cut Resistance Technology

FORTIX™ Abrasion Resistance Technology

ZONZ™ Comfort Fit Technology

Exceptional grip performance in a comfortable ultra-lightweight cut resistant glove

DESCRIPTION

- The ultralight weight liner with INTERCEPT Technology® yarns provides EN ISO cut level B performance with refined mobility
- The liner also features ZONZ™ technology for enhanced fit, higher dexterity and reduced hand fatigue
- FORTIX™ technology for extended gloves' working life and improved comfort in abrasive applications
- Dirt masking colour for longer wear times

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly of small sharp parts
- Handling small sharp metal parts
- Light duty stamping
- Maintenance

HyFlex® 11-541

CUT PROTECTION/LIGHT DUTY

Construction	Knitted
Liner material	Seamless liner with INTERCEPT Technology® yarn
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	18
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	200 - 250
Packaging	12 pairs in a bag; 12 pairs in a carton

INDUSTRIES

CATEGORY III

EXTRA FEATURES

Anti-static
Latex-free
Silicone-free
Vending

PERFORMANCE RATINGS

EN 388:2016 4X21D
EN 407 X1XXXX

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology
INTERCEPT™ Cut Resistance Technology
FORTIX™ Abrasion Resistance Technology
ZONZ™ Comfort Fit Technology
DUPONT
Kevlar

Exceptional cut protection in a form-fitting ultra-lightweight glove with enhanced grip performance

DESCRIPTION

- The Ansell proprietary INTERCEPT™ cut resistance technology yarn has been designed to exceed industry standards
- The palm-dipped coating and the FORTIX™ formulation provide enhanced abrasion resistance and gripa
- ZONZ™ knitting technology with varying stitch designs to tailor overall glove fit and enhance both hand movement and dexterity
- It also offers intermittent contact heat protection up to 100°C

IDEAL APPLICATIONS

- Assembly of small sharp parts
- Handling small sharp metal parts
- Light duty stamping
- Maintenance

HyFlex® 11-937/11-939

CUT PROTECTION/LIGHT DUTY

HyFlex® 11-937

Construction	Knitted
Liner material	Dyneema® Diamond Technology, Nylon, Spandex
Coating material	Nitrile, Polyurethane
Finishing	**11-937:** ¾ dipped **11-939:** Fully coated
Gauge	18
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	212 - 261
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4X42B

EXTRA FEATURES

Latex-free
Silicone-free
Vending

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

RIPEL™ Liquid Repellence Technology

FORTIX™ Abrasion Resistance Technology

ZONZ™ Comfort Fit Technology

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100 4419CIT CITEVE
Tested for harmful substances. www.oeko-tex.com/standard100

The lightest gloves combining cut resistance, oil repellence and increased durability*

DESCRIPTION

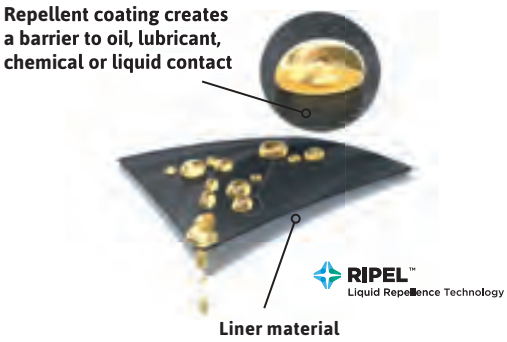
- RIPEL™ technology prevents oil from making contact with the skin, keeping hands safe and dry
- ANSELL GRIP™ technology delivers an average of 13% better grip performance for safer handling of wet or oily materials**
- FORTIX™ technology provides extended use life: up to 12x the durability in the thumb crotch region for superior protection and up to 40% improved abrasion resistance**
- Lightest weight: up to 20% lighter design and ZONZ™ comfort fit technology delivering all day comfort

Remark: fit for special purpose

* vs unreinforced glove equivalent
** vs competitive set

IDEAL APPLICATIONS

- Body shops
- Component assembly
- Final assembly
- Machining, metalworking
- Maintenance
- Material handling
- Primary assembly
- Stamping operations



Polar Bear® Grey 74-047

CUT PROTECTION/LIGHT DUTY

Liner material	Cotton
Gauge	13
Cuff style	Tuff-Cuff™
Size	6, 7, 8, 9, 10
Length (mm)	229-279
Packaging	12 pieces in a carton

High-level cut resistant food glove

DESCRIPTION

- Made with a Dyneema® core and a high strength outer wrap, Polar Bear gloves offer a high-level of cut protection and good comfort
- Light in weight, Polar Bear gloves provide superior dexterity and can be used as a liner under another glove
- All materials used conform to FDA indirect food regulations, making Polar Bear gloves ideal for food preparation, meat and poultry processing

IDEAL APPLICATIONS

- Meat processing and packing
- Seafood processing
- Vegetable and fruit processing

INDUSTRIES

PERFORMANCE RATINGS

EN 388:2003 254X
EN 388:2016 244XC

TECHNOLOGIES

WITH Dyneema®

Polar Bear® 74-301

CUT PROTECTION/LIGHT DUTY

Liner material	White three-strand stainless steel
Gauge	7
Grip design	Knitted
Cuff style	Elasticised knitwrist
Size	6, 7, 8, 9, 10
Length (mm)	230-270
Packaging	12 pieces in a carton

Exceptional protection from cuts with the power of steel.

DESCRIPTION

- Yarns contain three strands of stainless steel for exceptionally high cut protection
- Heavyweight glove with no seams to irritate hands
- More cost effective than chain mesh designs
- Comes with 12 glove liners for additional comfort
- Reversible, so it can be worn on either hand

IDEAL APPLICATIONS

- Meat processing and packing
- Seafood processing
- Vegetable and fruit processing

INDUSTRIES

PERFORMANCE RATINGS

EN 388:2003 154X
EN 388:2016 254XF

Therm-A-Knit™ 78-150

CUT PROTECTION/LIGHT DUTY

Liner material	Dacron®, Thermastat® fibres
Gauge	13
Grip design	Knitted
Cuff style	Elasticised knitwrist
Size	Unisize
Length (mm)	240
Packaging	12 pairs in a bag 12 bags in a carton

Lightweight, low lint, comfortable and warm

DESCRIPTION

- Unique fibres act as a hand warmer for use in cold and damp working environments
- Dacron® and Thermastat® fibres channel moisture away from the skin which ensures the wearer's warmth and comfort
- The seamless knitted liner is manufactured from one piece of thread, so there are no uncomfortable seams which can irritate the hands
- Machine washable

IDEAL APPLICATIONS

- Handling chilled or refrigerated products
- Winter construction environments

INDUSTRIES

PERFORMANCE RATINGS

EN 388:2003 214X
EN 388:2016 214XA
EN 511 010
EN 407 X1XXXX

TECHNOLOGIES

Dacron®
Thermastat®

ActivArmr® 97-002

CUT PROTECTION/LIGHT DUTY

Construction	Knitted
Liner material	Nylon, Spandex, Stainless steel, Kevlar®
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	18
Cuff style	VELCRO®
Size	9, 10, 11
Length (mm)	256 - 272
Packaging	12 pairs in a bag; 2 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003
4321

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

DUPONT

Kevlar.

The combination of performance and protection

DESCRIPTION

- Twice as thin as standard leather gloves and by far outperforming in terms of cut protection
- Foam nitrile-dipped palm for a grip that withstands wet and dry conditions
- Ergonomic design and breathable construction offer superior comfort and dexterity

IDEAL APPLICATIONS

- Handling sheet metal
- Handling slippery parts
- Screwing and unscrewing
- HVAC tasks

ActivArmr® 97-003

CUT PROTECTION/LIGHT DUTY

Construction	Knitted
Liner material	Nylon, Spandex, Stainless steel, Kevlar®
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	18
Cuff style	VELCRO®
Size	9, 10, 11
Length (mm)	269 - 278
Packaging	12 pairs in a bag; 2 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003
4331

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

DUPONT

Kevlar.

Reliable protection with great comfort

DESCRIPTION

- INTERCEPT Technology® for advanced cut protection
- Gel padding reduces vibrations and impacts
- Ergonomic and breathable: gloves stay on longer for more tasks

IDEAL APPLICATIONS

- Building materials handling
- Demolition
- Handling of concrete, wood and metal debris
- Site preparation
- Tools and power tools

HyFlex® 11-200

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Glass fibre, Nylon, Polyester
Gauge	13
Cuff style	Sleeve
Size	One size fits all
Length (mm)	475
Packaging	12 pieces in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 2542 | EN 388:2016 2X42C | EN 407 X1XXXX

The most comfortable cut resistant and highly visible sleeve in the Ansell range

DESCRIPTION

- Due to its ergonomic design and fixing system, workers can do the job without constraints, increasing productivity and leading to fewer accidents and injuries
- Enhanced safety is assured, thanks to a high-visibility sleeve with Level 5 cut performance and Level 1 thermal protection
- Anatomic design with alligator clip fixing system

IDEAL APPLICATIONS

- Body shop (excluding welding)
- Glass sheet handling
- Metal sheet handling
- Stamping operations

HyFlex® 11-435

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Glass fibre, Lycra®, Nylon, Dyneema®
Coating material	Water-based polyurethane and nitrile
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	220 - 270
Packaging	12 pairs in a bag; 12 pairs in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016 4X42C

EXTRA FEATURES

Anti-static | Latex-free | Silicone-free | Vending

TECHNOLOGIES

WITH Dyneema® | OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100 4419CIT CITEVE Tested for harmful substances. www.oeko-tex.com/standard100

Water-based polyurethane glove with unmatched dexterity and high cut protection

DESCRIPTION

- Extreme resistance to cuts and burrs
- Seamless plaited glove for very good durability, fit and flexibility
- Excellent breathability and cool feeling
- Water-based polyurethane enhances the dexterity and comfort of the glove, as the polyurethane doesn't penetrate inside it

IDEAL APPLICATIONS

- Handling and cutting of metal sheets, dry, painted or galvanised pieces
- Handling of sharp-edged objects, pre- assembling, cutting of small dry or lightly oiled parts
- Maintenance

HyFlex® 11-500

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Lycra®, Nylon, Kevlar®
Coating material	Nitrile
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	180 - 255
Packaging	12 pairs in a bag; 12 pairs in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 3231B

EN 407 X1XXXX

EXTRA FEATURES

Anti-static

Silicone-free

TECHNOLOGIES

DUPONT Kevlar

Excellent dexterity in a very versatile glove

DESCRIPTION

- Designed for dry or slightly oily applications where workers need cut protection, and in some cases, isolation from heat
- Offers great comfort and a safe grip
- Versatile choice for optimal productivity and safety

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly and inspection of engine parts and small components
- Assembly of white goods and brown goods
- Light assembly of oil-coated pieces
- Plastics injection and moulding

HyFlex® 11-501

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Lycra®, Kevlar®, Ansell INTERCEPT Technology® yarn
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	7, 8, 9, 10
Length (mm)	203 - 255
Packaging	12 pairs in a bag; 12 pairs in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 3X41D

EN 407 X1XXXX

EXTRA FEATURES

Anti-static

Silicone-free

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

DUPONT Kevlar

Superior cut protection and dexterity in a versatile glove

DESCRIPTION

- Features INTERCEPT Technology® to provide outstanding cut protection and reduce the risk of injury
- Nitrile foam coating enhances light oil grip, solid dry grip and tactile sensitivity
- It also offers contact heat protection, allowing versatile use

Remark: fit for special purpose

IDEAL APPLICATIONS

- Body assembly
- Glass manufacturing
- Press and stamping

HyFlex® 11-515

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Seamless liner with INTERCEPT Technology® yarn
Coating material	Water-based polyurethane and nitrile
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	235 - 270
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4X43C

EXTRA FEATURES

Vending
Latex-free
Silicone-free

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

High visibility with unprecedented cut resistance and durability

DESCRIPTION

- Ability to handle sharp parts and knives with confidence, increasing worker output and security in light oil or dry applications
- Provides EN 388 EN ISO cut level E and high visibility
- New coating technology provides increased wear in high stress areas
- Silicone-free and latex-free for worker and product protection
- Available in a wide range of sizes to protect more workers

IDEAL APPLICATIONS

- Door & wood framing
- Glass installation
- Knife handling
- Maintenance operations
- Paper slitting
- Sharp small part handling
- Sheet metal press, small part, stamping

HyFlex® 11-542

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	HPPE, Spandex, Glass fibre, Polyamide
Coating material	Polyurethane
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	210 - 270
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4X42F

Excellent comfort and dexterity with the highest level of cut protection

DESCRIPTION

- Made from engineered yarns for high cut protection performance
- Thin and extremely stretchable for enhanced comfort and dexterity
- Good abrasion resistance

Remark: fit for special purpose

IDEAL APPLICATIONS

- Handling of glass sheets
- Handling of metal sheets
- Cutting of dry, painted or galvanised pieces
- Cutting of small dry or lightly oiled parts
- Maintenance

HyFlex® 11-624

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Lycra®, Nylon, Dyneema®
Coating material	Polyurethane
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	220 - 270
Packaging	12 pairs in a bag; 12 pairs in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4342B

TECHNOLOGIES

WITH Dyneema®

High flexibility, strong cut resistance

DESCRIPTION

- HyFlex® 11-624 gloves provide comfort and dexterity
- Easy to wear during long working hours, also offering users a "cool feeling"
- The special formulation of the polyurethane coating gives the gloves flexibility and fit, as well as a secure grip on dry to slightly oily pieces for sure handling in a wide range of environments
- The liner is made with a yarn structure containing Dyneema® to offer strong cut resistance for the safe handling and assembly of sharp pieces

IDEAL APPLICATIONS

- Assembly of metal parts and components
- Assembly of white goods
- Handling of sharp-edged objects, pre-assembling, cutting of small dry or lightly oiled parts and maintenance
- Plastics injection and moulding

HyFlex® 11-627/11-628

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Lycra®, Nylon, Dyneema®
Coating material	Polyurethane
Finishing	Palm coated
Gauge	15
Cuff style	**11-627:** Knitwrist **11-628:** Long knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	**11-627:** 210 - 270 **11-628:** 270 - 320
Packaging	12 pairs in a bag; 12 pairs in a carton

HyFlex® 11-627

HyFlex® 11-628

INDUSTRIES

CATEGORY II

TECHNOLOGIES

WITH Dyneema®

PERFORMANCE RATINGS

EN 388:2016
4342B

EXTRA FEATURES

Vending
11-627

Dexterity with superb cut resistance for optimal productivity

DESCRIPTION

- These gloves deliver a perfect balance of comfort and sure handling with protection
- The liner construction includes Dyneema® yarn, which offers high levels of cut resistance, for a safe use when handling sharp pieces
- These 3 styles also provide excellent flexibility and fit
- Designed for use in dry, as well as slightly oily environments
- The HyFlex® 11-628 features an extended cuff for additional forearm protection

IDEAL APPLICATIONS

- Assembly of metal parts and components
- Assembly of white goods
- Finishing works
- Handling of sharp-edged objects, cutting of small dry or lightly oiled parts and maintenance
- Plastics injection and moulding

HyFlex® 11-630/11-638

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Cotton, HPPE, Lycra®, Nylon, Kevlar®
Coating material	Polyurethane
Finishing	Palm coated
Gauge	13
Cuff style	**11-630:** Knitwrist **11-638:** Long knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	**11-630:** 215 - 275 **11-638:** 290 - 340
Packaging	12 pairs in a bag; 12 pairs in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003
4443

EXTRA FEATURES

Vending
11-630

TECHNOLOGIES

DuPont
Kevlar

HyFlex® 11-630

HyFlex® 11-638

Superior protection from cuts and abrasion

DESCRIPTION

- The HyFlex® 11-630 and 11-638 gloves offer very high levels of cut resistance, for a safe use in applications involving contact with sharp pieces
- The liner is soft and stretchable to provide great flexibility and comfort
- The specific formulation of the coating provides a secure grip on dry or slightly oily pieces and increases abrasion resistance
- The HyFlex® 11-638 version offers enhanced arm protection thanks to its longer cuff

Remark on 11-630: fit for special purpose

IDEAL APPLICATIONS

- Assembly of metal parts and components
- Assembly of white goods
- Handling sharp or irregular-edged metal parts
- Plastics injection and moulding

HyFlex® 11-724

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Seamless liner with INTERCEPT Technology® yarn
Coating material	Polyurethane
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	208 - 261
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4342B

EXTRA FEATURES

Vending

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

Excellent flexibility and fit with optimal cut protection

DESCRIPTION

- Lightweight liner with INTERCEPT Technology® yarns that provides EN ISO cut level B
- The palm-dipped polyurethane (PU) coating provides enhanced grip in slightly oily environments for secure handling and offers EN abrasion level 4 for extended glove life
- It also features an optimised Lycra® content that is soft and cool on the skin for all-day comfort

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly of metal parts and components
- Light metal presses
- Maintenance
- Plastics injection and moulding
- Primary assembly

HyFlex® 11-727

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Seamless plaited liner with INTERCEPT Technology® yarn
Coating material	Polyurethane
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	200 - 255
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4342B

EXTRA FEATURES

Vending

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

Advanced protection offering great comfort and flexibility

DESCRIPTION

- Flexible and ergonomic, the HyFlex 11-727 offers reliable cut protection thanks to its enhanced liner construction and to the INTERCEPT Technology®
- Durable and abrasion resistant coating to extend glove life
- Dark colour increases longevity in environments with dirt exposure

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembling metal parts and components
- Assembly of white goods
- General maintenance
- Handling of sharp-edged objects, pre- assembling, cutting of small dry or lightly oiled parts and maintenance
- Plastics injection and moulding

HyFlex® 11-735/11-751

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Seamless plaited liner with INTERCEPT Technology® yarn
Coating material	Polyurethane
Finishing	Palm coated
Gauge	10
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	**11-735:** 215 - 267 **11-751:** 224 - 269
Packaging	12 pairs in a bag; 12 bags in a carton

HyFlex® 11-735

HyFlex® 11-751

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4X43C

EXTRA FEATURES

Vending

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

Excellent flexibility and fit with high levels of cut protection

DESCRIPTION

- The INTERCEPT™ cut resistance yarn has been tested to perform at or exceed industry standards while increasing comfort and dexterity
- The palm coating design improves workers' grip, extends glove life in abrasive conditions and allows the back-of-hand to breath
- The 11-751 dark colour brings additional durability in environments with dirt exposure

Remark: fit for special purpose

IDEAL APPLICATIONS

- General maintenance
- Hardware assembly
- Machining/stamping/ cutting
- Raw material handling
- Seat and frame build

Pro-1™ 74-030

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Spectra®
Gauge	7
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10
Length (mm)	220
Packaging	12 pieces per carton

INDUSTRIES **CATEGORY II**

PERFORMANCE RATINGS

EN 388:2003
354X

TECHNOLOGIES

Spectra®

Economical cut protection with comfort and dexterity

DESCRIPTION

- Made with seamless 7 gauge knitted heavy-duty Spectra®, the Pro-1™ glove is an economical solution for those who require a combination of high-level cut protection with comfort and dexterity
- It is a silicone-free glove and all materials used are in compliance with FDA aindirect food regulations. Widely used in meat processing and metal working
- Can be machine washed
- May be used as a liner under another glove

IDEAL APPLICATIONS

- Meat processing and packing
- Knife handling
- Metal processing
- Metal working

Polar Bear® 74-045

CUT PROTECTION/MEDIUM DUTY

Linear Material	Cotton
Gauge	13
Cuff style	Elasticised knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	203-204
Packaging	12 pieces in a carton

INDUSTRIES

PERFORMANCE RATINGS

EN 388:2003
254X

TECHNOLOGIES

WITH Dyneema®

High-level cut resistant food glove

DESCRIPTION

- Made with a Dyneema® core and a high strength outer wrap, Polar Bear gloves offer a high-level of cut protection and good comfort
- Light in weight, Polar Bear gloves provide superior dexterity and can be used as a liner under another glove
- All materials used conform to FDA indirect food regulations, making Polar Bear gloves ideal for food preparation, meat and poultry processing

IDEAL APPLICATIONS

- Meat processing and packing
- Seafood processing
- Vegetable and fruit processing

HyFlex® 74-500

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Glass fibre, HPPE, Polyamide, Polyester, Stainless steel
Gauge	13
Cuff style	Knitwrist
Size	7, 8, 9, 10
Length (mm)	230 - 267
Packaging	12 pieces in a bag; 2 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4X4XF

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

Featuring INTERCEPT Technology® with 360° cut protection throughout entire glove & cuff*

DESCRIPTION

- INTERCEPT Technology® delivers highest Cut Protection Level F throughout entire glove & cuff; even after repeat laundering
- 7x More Durable* vs. competitive set
- Stain Masking Designed for extended use life

* vs competitive set 2017

IDEAL APPLICATIONS

- Dairy processing
- Fruit and vegetable processing
- Poultry processing

ActivArmr® 97-013

CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Polyester, Spandex, INTERCEPT Technology®
Coating material	Nitrile, Polyurethane
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	7, 8, 9, 10, 11
Length (mm)	226 - 268
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4X32B

EXTRA FEATURES

Vending

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

Visibility = Safety

DESCRIPTION

- Offers better visibility to improve safety in challenging light conditions thanks to its bright colours and reflective logo
- The outstanding abrasion resistance and cut level allows for a variety of uses in multiple applications
- Perfect fit design ensures comfort, dexterity and maximum control for all day use on demanding jobs

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly
- Carpentry
- Digging
- Handling abrasive or rugged materials
- Heavy equipment operation
- Repair and maintenance

NitraSafe® 28-329

CUT PROTECTION/HEAVY DUTY

Construction	Cut and sewn
Liner material	Cotton jersey, Kevlar®
Coating material	Nitrile
Finishing	Palm coated
Cuff style	Nitragold™
Size	9, 10
Length (mm)	235 - 280
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 4221B

EN 407 X1XXXX

EXTRA FEATURES

Anti-static

TECHNOLOGIES

DUPONT Kevlar

Kevlar®-reinforced hand protection with comfort and flexibility

DESCRIPTION

- Ansell's NitraSafe® range of protective gloves combines the outstanding protection of Kevlar®-reinforced construction with the grip and flexibility of Ansell's advanced nitrile coating technology
- The NitraSafe® range stands for safe handling of oily heavy metal parts, while the NitraSafe® foam combines good grip and comfort
- All three styles offer good mechanical protection against cuts and abrasion

IDEAL APPLICATIONS

- Building materials handling
- Press and stamping
- Sheet metals and metalwork
- Steel bar manufacture and handling
- Sub-assembly mounting
- Timber works and construction

Ansell® 59-801

CUT PROTECTION/HEAVY DUTY

Construction	Knitted
Liner material	Nylon
Cuff style	Sleeve
Size (mm)	229, 279
Length (mm)	229
Packaging	24 pieces in a bag; 8 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

Cane mesh sleeve for maximum cut protection

DESCRIPTION

- Comfortable and cool to wear, Ansell's cut protection Cane Mesh Sleeve 59-801 is also easy to take on and off due to its nylon Velcro® closure
- It's ideal for use in the automotive industry and for glass, sheet metal and metalwork handling
- The 23cm Cane Mesh sleeve is made of high-density heavy nylon material woven into a pattern to provide maximum cut protection

IDEAL APPLICATIONS

- Handling metal sheets & panels
- Handling parts with sharp, rough edges
- Primary cutting
- Seizing structural and body parts

GoldKnit™ 70-225

CUT PROTECTION/HEAVY DUTY

Construction	Knitted
Liner material	Kevlar®
Coating material	Neptune®
Gauge	7
Cuff style	Knitwrist
Size	7, 8, 9
Length (mm)	220 - 280
Packaging	12 pairs in a bag; 12 pairs in a carton

Superior mechanical protection and cut-resistance

DESCRIPTION

- Constructed from high-tech Kevlar® para-aramid short fibers, the gloves give improved sensitivity and fit. The seamless construction avoids irritation and the use of short fibers offer extra comfort. In addition the PVC dots on both sides of the glove provide sure/extra grip
- The 100% Dupont Kevlar® construction offers a very high cut resistance to weight ratio. The use of Terry loop technique enhances heat insulation
- The resulting thicker-walled glove offers high shock absorption without losing dexterity
- Thanks to the Neptune® coating the glove fibres repel liquids, avoiding damage to the Kevlar® strands and extending glove life. The reinforced thumb welt increases abrasion

IDEAL APPLICATIONS

- Body assembly
- Machine tool operation
- Sheet metals and metalwork
- Assembly and finishing

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 154XD

EN 407 X1XXXX

EXTRA FEATURES

Silicone-free

TECHNOLOGIES

DuPont Kevlar

Vantage® 70-761

CUT PROTECTION/HEAVY DUTY

Construction	Knitted
Liner material	Acrylic, Nylon, Kevlar®
Gauge	10
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	220 - 270
Packaging	12 pairs in a bag; 6 bags in a carton

Premium longevity and cut protection through advanced technology

DESCRIPTION

- The optimal combination of cut resistance, comfort and dexterity
- These premium gloves use engineered yarns with the highest cut-protection-to-weight ratio available for improved cut resistance, excellent dexterity and increased comfort
- Along with high cut resistance, these two Vantage® gloves provide intermittent contact heat protection up to 100°C

IDEAL APPLICATIONS

- Assembly of metal parts and components
- Automated welding feeding
- Body assembly
- Default checking
- Metal finish inspection
- Press and stamping

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 1X4XD

EN 407 X1XXXX

TECHNOLOGIES

INTERCEPT™ Cut Resistance Technology

DuPont Kevlar

Vantage® 70-765

CUT PROTECTION/HEAVY DUTY

Construction	Knitted
Liner material	Acrylic, Nylon, Kevlar®
Finishing	Leather palm
Gauge	10
Cuff style	Knitwrist
Size	8, 9, 10, 11
Length (mm)	240 - 270
Packaging	12 pairs in a bag; 3 bags in a carton

Advanced cut protection combined with premium leather for superior grip

DESCRIPTION

- With reinforced thumb and seams relocated to the backs of the fingers, reducing exposure to cuts and offering greater protection and longer life
- Protection against punctures and superior grip even in oily environments thanks to use of premium leather in the palm
- Plaited inside for comfort with coloured polyester/cotton

IDEAL APPLICATIONS

- Handling heavy and oily metal pieces
- Handling sharp or irregular-edged metal parts
- Press and stamping

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 4X43D

EN 407 X1XXXX

TECHNOLOGIES

DuPont Kevlar

Powerflex® 80-600

CUT PROTECTION/HEAVY DUTY

Construction	Knitted
Liner material	Kevlar®
Coating material	Natural rubber latex
Finishing	Palm coated
Gauge	10
Cuff style	Knitwrist
Size	7, 8, 9, 10, 11
Length (mm)	245 - 285
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 3444C

EN 407 X2XXXX

EXTRA FEATURES

Silicone-free

Vending

TECHNOLOGIES

DUPONT Kevlar

Excellent cut resistance and grip

DESCRIPTION

- Designed with Kevlar®, Ansell's Powerflex 80-600 offers exceptional cut resistance and robust overall mechanical performance
- The strong coating stands up very well against abrasion, tearing and punctures
- The raised crinkle finish provides excellent grip in both dry and wet conditions
- Silicone-free, the Powerflex® 80-600 glove prevents fingerprints on metallised warm insulation glass, leaving surfaces clean
- Good heat contact resistance for safe handling of warm parts

IDEAL APPLICATIONS

- Glass manufacturing
- Handling of glass sheets, sharp-edged objects
- Handling of metal sheets, cutting of dry, painted or galvanised pieces

Powerflex® 80-658

CUT PROTECTION/HEAVY DUTY

Construction	Knitted
Liner material	Cotton, Glass fibre, Nylon, Stainless steel, Kevlar®
Coating material	Natural rubber latex
Finishing	¾ dipped
Gauge	7
Cuff style	Long knitwrist
Size	7, 8, 9, 10, 11
Length (mm)	260 - 295
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 XX43E

EN 407 X2XXXX

EXTRA FEATURES

Silicone-free

TECHNOLOGIES

DUPONT Kevlar

Feel the power of extreme cut protection

DESCRIPTION

- Extreme resistance to cuts, splinters and burrs thanks to the triple-layer construction that comprises steel, glass fibre and Kevlar®
- Extra-long cuff to offer extended safety for the forearm
- The Powerflex® 80-658 glove is ¾ dipped and liquid repellent, shielding the skin from unpleasant liquid solution
- Its crinkle finish ensures firm grip in dry and wet applications
- It is also providing protection from contact heat, achieving level 2 as per the EN 407

IDEAL APPLICATIONS

- Handling heavy loads, metal edges
- Handling of glass sheets, sharp-edged objects
- Handling of metal sheets, cutting of dry, painted or galvanised pieces
- Waste handling: recycling, sorting (glass, cans, metal pieces)

OIL-REPELLENT SOLUTIONS

Brand	Style	Page
LD Light duty		
HyFlex®	11-900	54
HyFlex®	11-920	54
HyFlex®	11-926	55
MD Medium duty		
HyFlex®	11-927	56
HD Heavy duty		
Hycron®	27-600	56
Hycron®	27-607	56
Hycron®	27-805	56

HyFlex® 11-900 — OIL-REPELLENT/LIGHT DUTY

Construction	Knitted
Liner material	Nylon
Coating material	Nitrile
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10
Length (mm)	200 - 255
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 3131 — EN 388:2016 3121A

EXTRA FEATURES

Anti-static, Latex-free, Silicone-free

Great dexterity and tactility in an oil-repellent glove

DESCRIPTION

- The HyFlex® 11-900 glove provides light mechanical protection with dexterity
- Designed specifically for use in moderately oily manufacturing and maintenance environments where protection combined with a dry only grip and abrasion resistance are essential
- When workers need secure handling with comfort in these environments, the HyFlex® 11-900 work glove delivers excellent results

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly of white and brown goods
- Light assembly tasks
- Tools and power tools handling
- Maintenance

HyFlex® 11-920 — OIL-REPELLENT/LIGHT DUTY

Construction	Knitted
Liner material	Nylon
Coating material	Nitrile
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	208 - 273
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016 3131A

EXTRA FEATURES

Anti-static, Latex-free, Silicone-free

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

RIPEL™ Liquid Repellence Technology

An outstanding combination of excellent grip and strong oil repellence

DESCRIPTION

- The HyFlex® 11-920 glove features the patented ANSELL GRIP™ technology allowing the wearer to handle small and medium-sized components lightly coated with oil or lubricant in all confidence
- It provides a barrier to oil and grease to protect workers' skin from contamination
- The fit and feel of the glove also ensures outstanding comfort and dexterity

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly and finishing
- Assembly of white goods
- General site and factory maintenance
- Light metal fabrication and handling
- Quality control
- Maintenance

HyFlex® 11-926

OIL-REPELLENT/LIGHT DUTY

Construction	Knitted
Liner material	Nylon, Spandex
Coating material	Nitrile
Finishing	¾ dipped
Gauge	18
Cuff style	Knitwrist
Size	7, 8, 9, 10, 11
Length (mm)	210 - 260
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016

4121A

EXTRA FEATURES

Anti-static

Latex-free

Silicone-free

Vending

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

RIPEL™ Liquid Repellence Technology

Ultimate performance for oily environments

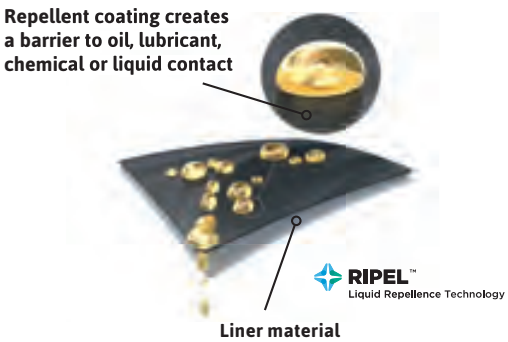
DESCRIPTION

- ANSELL GRIP™ technology provides reduced risk of slippage in dynamic environments
- The repellent coating prevents oil and lubricants to contaminate workers' skin and ensures enhanced back of finger protection
- The ultra-lightweight construction of the liner provides the user with an unrestricted second skin feel
- This unique blend of protection, performance and flexibility features bridges the gap from previous generations of ¾ dip oil repellent general purpose gloves, delivering enhanced flexibility, tactility, oil grip and extreme comfort

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly of oily components
- Light part sorting and inspection
- Loading and downloading parts on and off the line, inspection of machined parts and components
- Maintenance



HyFlex® 11-927 — OIL-REPELLENT/MEDIUM DUTY

Construction	Knitted
Liner material	HPPE, Nylon
Coating material	Nitrile
Finishing	¾ dipped
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	215 - 242
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
4342B

EXTRA FEATURES

Anti-static, Latex-free, Silicone-free, Vending

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

RIPEL™ Liquid Repellence Technology

INTERCEPT™ Cut Resistance Technology

Combines advanced cut resistance, oil repellence and oil grip in a single flexible glove

DESCRIPTION

- Ideal for handling sharp metal components coated with oil or lubricants: patented ANSELL GRIP™ technology uses microscopic channels to wick away oil and moisture from part surfaces and tools, providing industry-leading wet and oil grip for added safety and efficiency
- Offers robust mechanical protection and high durability
- ¾ dip geometry to provide extra protection on the knuckles against oil exposure

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly of engine and transmission drive trains
- Body shops
- Handling and assembly of sharp components with oil/grease coating
- Light metal presses
- Machining, metalworking
- Maintenance
- Primary assembly

Hycron® 27-600/27-607/27-805 — OIL-REPELLENT/HEAVY DUTY

Construction	Cut and sewn
Liner material	Cotton jersey
Coating material	Nitrile
Finishing	**27-600/27-607:** ¾ dipped **27-805:** Fully coated
Cuff style	**27-600:** Knitwrist **27-607/27-805:** Safety cuff
Size	**27-600:** 8, 9, 10 **27-607:** 8, 9 **27-805:** 10
Length (mm)	**27-600/27-607/27-805:** 240 - 270
Packaging	12 pairs in a bag; 12 bags in a carton

Hycron® 27-600

Hycron® 27-607

Hycron® 27-805

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 — 4221
EN 388:2016 — 4221B

EXTRA FEATURES

Anti-static, Latex-free, Silicone-free
27-607/ 27-805/

Made extra-tough for heavy duty jobs involving rough, abrasive materials

DESCRIPTION

- A strong and robust glove for tough applications: three times more durable than heavy duty leather
- Unique Ansell nitrile formulation for superior resistance to sharp and abrasive materials
- Stronger and more flexible than PVC
- Also provides excellent barrier to grease and oil, does not degrade like leather or cotton

IDEAL APPLICATIONS

- Cold plastic mouldings
- Construction materials handling: concrete, bricks and tiles
- Rough castings and cores
- Rough timber, dry walling and plywood
- Steel bars, metal sheets/parts handling
- Street cleaning and refuse collection

SPECIAL PURPOSE SOLUTIONS

Brand	Style	Page
Vibration		
VibraGuard®	07-111	58
VibraGuard®	07-112	58
Impact		
ActivArmr®	97-120	58
ActivArmr®	97-125	59
Heat		
Crusader® Flex	42-474	60
ActivArmr® WorkGuard™	43-216	60
ActivArmr®	43-217	61
ActivArmr®	80-813	61
Cold		
Polar Grip®	23-700	62
Powerflex®	80-400	63
Powerflex®	80-409	63

VibraGuard® 07-111/07-112

SPECIAL PURPOSE/MEDIUM DUTY

Construction	Cut and sewn
Liner material	Gel padding, Interlock cotton
Coating material	Nitrile
Finishing	**07-111:** Palm impregnated **07-112:** Fully impregnated
Cuff style	Velcro®
Size	8, 9, 10
Length (mm)	**07-111:** 175 - 190 **07-112:** 225 - 240
Packaging	1 pair in a bag; 6 bags in a carton

VibraGuard® 07-112

VibraGuard® 07-111

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016
3221B

Anti-vibration gloves

DESCRIPTION

- **07-111:** Soft padding in the thumb, index finger and palm area enhances the shock impact protection. No need to remove the glove to screw or handle very small parts like nails. Pressing the trigger of power tools is a lot easier with this half-finger version.
- **07-112:** Ideal for those tasks involving vibrations at frequency levels greater than 300 Hz. Engineered to reduce vibrations absorbed by palms and fingers and protect workers' from Hand-Arm Vibration Syndrome.

IDEAL APPLICATIONS

- Chipping hammer
- Hand grinders
- Heavy-duty hammers
- Impact wrench and rammers
- Pedestal grinders
- Road drills
- Vibrating poker

ActivArmr® 97-120

SPECIAL PURPOSE/MEDIUM DUTY

Construction	Knitted
Liner material	Kevlar®, Nylon, Polyester, Spandex
Coating material	Neoprene, Nitrile
Finishing	¾ dipped
Gauge	15
Cuff style	Knitwrist
Size	8, 9, 10, 11, 12
Length (mm)	256 - 293
Packaging	12 pairs per polybag; 72 pairs per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003
4242

EN 407
X1XXXX

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

RIPEL™ Liquid Repellence Technology

DUPONT™ Kevlar®

Best-in-class oil and impact protection for workers

DESCRIPTION

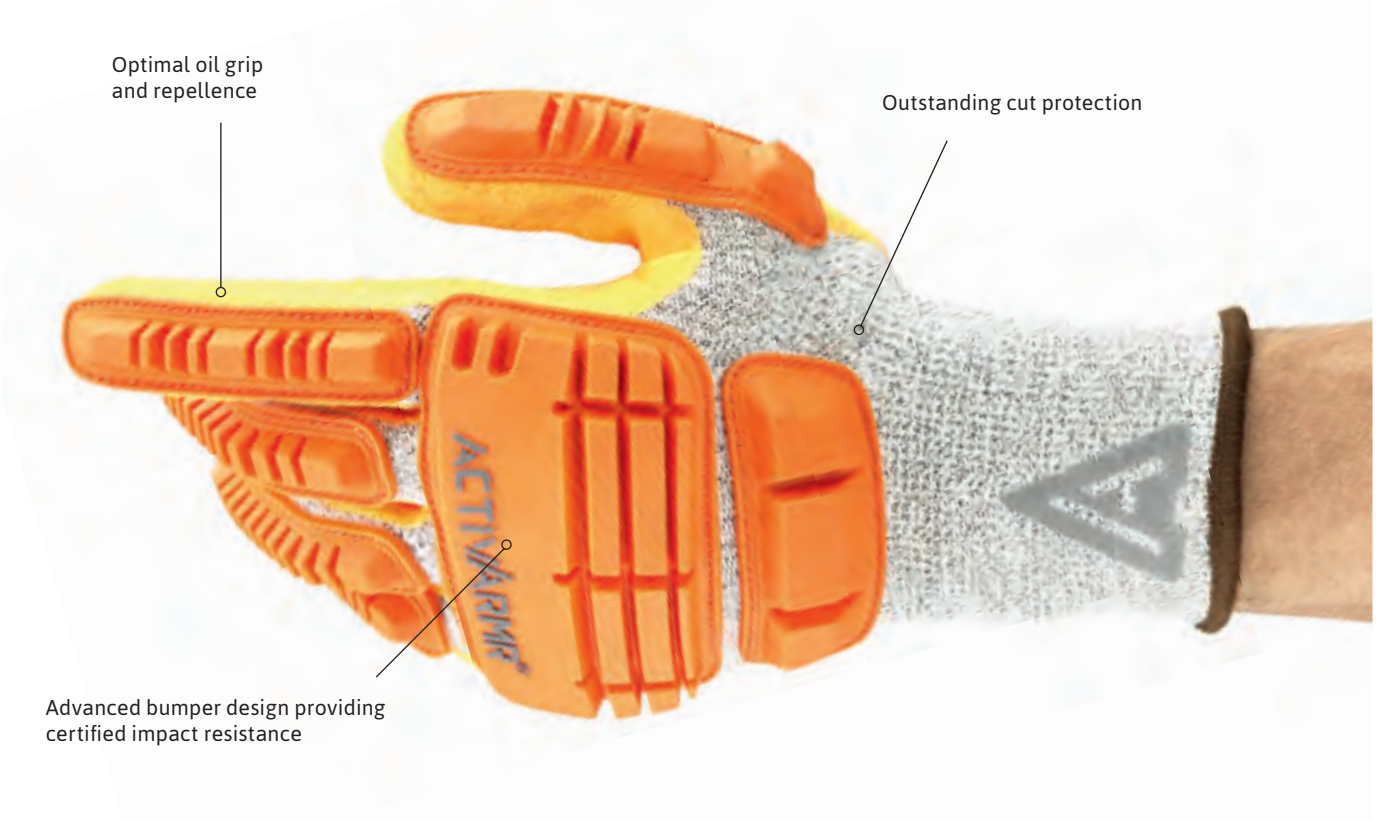
- The ActivArmr® 97-120 addresses workers' top frustrations in rugged environments by delivering the best of both safety and comfort
- Outstanding mud-oil grip plus cut and impact resistance protects hands in extreme conditions, reducing fatigue and increasing productivity
- Specialised oil-impermeable technology keeps hands clean and dry
- High-visibility colour increases awareness of location of users' hands for safety

IDEAL APPLICATIONS

- Assembly and disassembly of motors/ tools
- Handling pipes, bits and other materials
- Heavy machinery and equipment maintenance
- Longwall operation
- Reworking tools
- Running cables
- Washing and cleaning tools

ActivArmr® 97-125

SPECIAL PURPOSE/HEAVY DUTY



Construction	Knitted
Liner material	Glass fibre, HPPE, Lycra®, Nylon
Coating material	Nitrile
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	8, 9, 10, 11, 12
Length (mm)	240 - 285
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016

4X43CP

Delivers high cut and impact protection for hazardous and unpredictable environments

DESCRIPTION

- Certified impact glove in accordance with EN 388:2016 impact requirements
- Highly cut resistant, providing EN ISO level C cut protection
- HPPE seamless knit glove keeps hands cool and comfortable
- Nitrile coating provides excellent grip and control when working with oils and other liquids
- Double-dip nitrile coating defends against oil exposure and abrasion injuries

IDEAL APPLICATIONS

- Drilling and extraction
- Heavy equipment and vehicle maintenance
- Infrastructure
- Production services
- Shop work and fixture setup
- Maintenance

Crusader® Flex 42-474

SPECIAL PURPOSE/HEAVY DUTY

Construction	Cut and sewn
Liner material	Cotton, Non-woven polyester, Polyester
Coating material	Nitrile
Cuff style	Gaunlet
Size	9, 10
Length (mm)	330
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

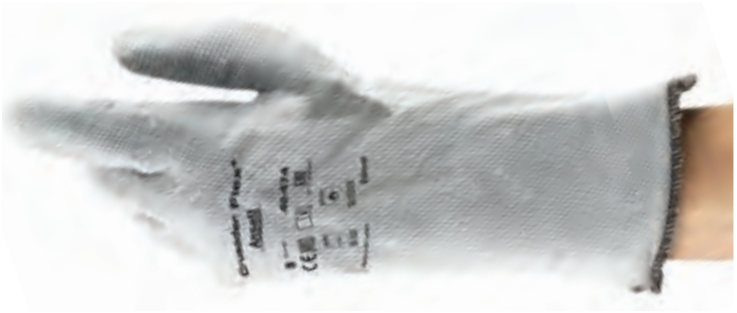
PERFORMANCE RATINGS

EN 388:2016 2241B

EN 407 X2XXXX

EXTRA FEATURES

Silicone-free



Superior heat resistance with complete protection for hand and wrist

DESCRIPTION

- Full-length heat barrier designed for intermittent handling of hot objects up to 180°C
- Provides some resistance to cuts, minor injuries and abrasion
- Provides excellent grip when handling dry or oily surfaces
- Comfortable and flexible: sweat-absorbent non-woven felt inner

IDEAL APPLICATIONS

- Demoulding rubber tyres, belts and profiles, vulcanising, calendering
- Handling hot castings and wooden plates
- Handling hot glass
- Removing sterilised products from autoclaves

ActivArmr® WorkGuard™ 43-216

SPECIAL PURPOSE/HEAVY DUTY

Construction	Cut and sewn
Liner material	Cotton jersey, Leather
Cuff style	Gauntlet
Size	9, 10, 11
Length (mm)	370 - 415
Packaging	6 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 3243

EN 388:2016 3243B

EN 407 413X4X

EXTRA FEATURES

Silicone-free

TECHNOLOGIES

DuPont Kevlar

Durable and comfortable glove for welding applications

DESCRIPTION

- Suitable for stick and MIG welding, as well as torch cutting and grinding: provides EN 12477 Type-A protection
- Improved 3-dimensional thumb design for enhanced ergonomic fit and dexterity control
- Premium split cowhide leather and welted seams with Kevlar® thread ensure durability in use
- Comforable cotton lining provides thermal insulation and extended comfort
- Long cuff extends protection over the forearm

IDEAL APPLICATIONS

- Loading and unloading with risk of heat or molten splash
- Brazing
- Metal grinding
- Stick and MIG welding
- Torch cutting

ActivArmr® 43-217

SPECIAL PURPOSE/HEAVY DUTY

Construction	Cut and sewn
Liner material	Leather
Cuff style	Gauntlet
Size	9, 10, 11
Length (mm)	340, 350, 360
Packaging	6 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 2121

EN 407 41XX4X

Comfort, dexterity and protection in a cost-effective thermal glove

DESCRIPTION

- ActivArmr® 43-217 is a TIG welding glove that provides EN 12477 Type-B protection for precise welding and thermal tasks
- Provides protection from heat, flames, sparks and weld spatter
- 3-dimensional thumb design greatly increases fine dexterity for precise welding control
- Premium full-grain goatskin and welted seams with para-aramid thread ensure durability in use
- Long split cowhide cuff extends protection to the forearms

IDEAL APPLICATIONS

- Brazing
- Grinding
- Maintenance
- TIG welding

ActivArmr® 80-813
(ex-Powerflex® 80-813)

SPECIAL PURPOSE/HEAVY DUTY

Construction	Knitted
Liner material	Glass fibre, Modacrylic, Kevlar®
Coating material	Foam neoprene
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	225 - 260
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 2X42C

EN 407 412110

EXTRA FEATURES

Anti-static, Latex-free, Silicone-free, Vending

TECHNOLOGIES

DuPont Kevlar

Arc flash and cut protective glove

DESCRIPTION

- Arc flash resistance, flame resistance and high cut protection in a comfortable ergonomic design
- Exclusive DuPont™ Kevlar® composite yarn provides exceptional cut resistance for safe handling of sharp objects
- Soft foam coating and ergonomic design for outstanding flexibility and a secure grip in a variety of work environments
- Hazard/Risk Category Level 2 as per ASTM F 2675-13. Arc Rating (ATPV): 9.4 cal/cm²

Remark: fit for special purpose

IDEAL APPLICATIONS

- Job tasks with potential for arc flash or flash-flame exposure
- De-energised electrical equipment panels
- Electrical equipment operation and switching
- Facility and machinery maintenance
- Handling sharp metal or objects

Polar Grip® 23-700

SPECIAL PURPOSE/HEAVY DUTY

Construction	Cut and sewn
Liner material	Cotton, Nylon, Polyurethane foam insulation
Coating material	PVC
Finishing	Fully coated
Cuff style	Gauntlet
Size	9
Length (mm)	275 - 300
Packaging	6 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 4221

EN 388:2016 3121C

EN 511 211

EN 374:2003

EXTRA FEATURES

Silicone-free

Insulated winter glove with a turn-out barrier which prevents liquids from getting to the hand

DESCRIPTION

- A rugged winter glove that outwears leather, sheds water, resists salts and chemicals and keeps hands really warm
- Polyurethane foam insulation for extra warmth and comfort
- Rough-finish PVC coating provides unbeatable gripping power on wet and slippery surfaces

IDEAL APPLICATIONS

- Chemical refining
- Cold storage
- Offshore drilling
- Outdoor construction work, highway maintenance
- Utilities yard and field work

Powerflex® 80-400

SPECIAL PURPOSE/MEDIUM DUTY

Construction	Knitted
Liner material	Acrylic terry loop
Coating material	Natural rubber latex
Finishing	Palm coated
Gauge	7
Cuff style	Knitwrist
Size	7, 8, 9, 10, 11
Length (mm)	250 - 295
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 2231C | EN 511 020 | EN 407 X2XXXX

Excellent insulation and comfortable handling in cold conditions

DESCRIPTION

- The general-purpose glove that is designed to provide outstanding insulation from cold conditions, as well as high comfort and grip
- This glove combines a thermal terry loop acrylic liner with a naturally insulating latex coating, ensuring excellent insulation against the cold
- It provides comfort and protection for the wearer in temperatures down to as low as -30°C, for short or intermittent contact
- Its bright yellow liner offers high visibility in low or poor light conditions, providing additional safety for workers when it's dark

IDEAL APPLICATIONS

- Outdoor construction work
- Perishables warehousing
- Public maintenance
- Refrigeration and cooling plants
- Refuse collection
- Shipping and receiving

Powerflex® 80-409

SPECIAL PURPOSE/MEDIUM DUTY

Construction	Knitted
Liner material	Acrylic, Polyamide, Polyester
Coating material	Nitrile
Finishing	Fully coated
Gauge	13
Cuff style	Knitwrist
Size	8, 9, 10
Length (mm)	220 - 260
Packaging	6 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2016 4121C | EN 511 020

EXTRA FEATURES

Anti-static

Fully-coated and insulated for outstanding comfort in cold conditions

DESCRIPTION

- The Powerflex® 80-409 nitrile coating provides good grip and remains flexible, for improved tactility
- Its fine and stretchable liner ensures excellent comfort while providing great thermal protection when working at low temperatures
- Excellent abrasion resistance
- Elasticated knitwrist ensures snug fit

Remark: fit for special purpose

IDEAL APPLICATIONS

- Outdoor construction work
- Perishables warehousing
- Public maintenance
- Refrigeration and cooling plants
- Refuse collection

CHEMICAL AND LIQUID PROTECTION

CHEMICAL SOLUTIONS
SINGLE USE SOLUTIONS

Feel
EQUIPPED™
When working in chemical environments, worrying about whether workers are protected is not an option. **Feel EQUIPPED™** with Ansell's comprehensive portfolio of innovative chemical hand and body protection solutions.
www.ansell.com/feelequipped

FINDING THE RIGHT CHEMICAL AND LIQUID PROTECTION SOLUTION

Determine which protection segment and polymer is needed for your application. You will find hand and arm protection solutions matched to a wide variety of safety needs and work environments.

Protection category	Protection segment	Material
CHEMICAL AND LIQUID PROTECTION	**Chemical solutions** Gloves and sleeve that meet all your chemical protection needs.	• Nitrile • Natural rubber latex • Neoprene • Polyvinyl chloride (PVC) • Vinyl • Polyvinyl alcohol (PVA) • Butyl • Butyl/Viton® • Laminated film • Chlorosulfonated polyethylene • Ethylene propylene diene rubber
	Single use solutions Single use gloves offering tactility and dexterity for a wide variety of applications requiring splash protection.	• Neoprene/nitrile • Nitrile • Neoprene • Vinyl • Polyisoprene • Natural rubber latex

DETERMINE WHICH SOLUTION BEST SUITS YOUR NEEDS

We have designed this catalogue to make it easy for you to find the right PPE solution. One that perfectly matches the application for which it is needed. This product index page explains how to use the information provided to select the appropriate hand protection.

What to look for

1. Protection category, protection segment and material
2. Product name, style number and coating material
3. Specifications such as coating and liner material, grip design, cuff style, size, length and packaging
4. Industries where the product is recommended
5. Risk category and performance ratings
6. Featured technologies
7. Extra features
8. Detailed product description
9. Ideal applications within the industries

MATERIALS

Icon	Material	+	-
BU	**Butyl**	• High resistance to polar chemicals such as acetone and phenols	• No resistance to aromatic and aliphatic hydrocarbons
NRL	**Natural rubber latex**	• Insulating • High elasticity • Sensitivity and dexterity	• Risk of sensitisation/Type I allergies • Bad chemical resistance to oils and greases
NE	**Neoprene**	• More flexible than nitrile • Excellent chemical resistance to acids and bases	• Not recommended for most organic and hydrocarbon solvents
NBR	**Nitrile**	• Excellent resistance to puncture and abrasion • Low allergy risk • Sensitivity, dexterity and good grip	• Less dexterity than natural rubber latex • Wet and oily grip due to the soapy substance they tend to release in contact with liquids
LF	**Polyethylene/ Polyamide film laminate**	• Excellent chemical resistance to a broadest range of chemicals • No allergy risk	• Low mechanical resistance: abrasion, puncture and tear • Low wear comfort • Poor dexterity and grip
PI	**Polyisoprene**	• Elasticity • Latex protein-free: Type I allergy prevention • Sensitivity and dexterity	• Low chemical resistance to oils and greases
PVA	**Polyvinyl alcohol (PVA)**	• High chemical resistance to aliphatics, aromatics, chlorinated solvents, esters and most ketones • Good physical properties: resistant to puncture and abrasion	• Quickly breaks down when exposed to water solution or air • Not very flexible
PVC	**Polyvinyl chloride (PVC)**	• Good abrasion resistance • Protein free: low risk of allergies • Good protection against acids, bases and alcohols	• Low cut and puncture resistance • Contains plasticisers (phthalates) • Not recommended for ketones and organic solvents • Environmentally unfriendly
VB	**Viton®**	• High resistance to non-polar chemicals (aliphatic, aromatic and chlorinated hydrocarbons)	• No resistance to polar chemicals: alcohols, several acids, gases, caustics, acetone, phenols, aldehydes, esters and amines

GRIP PATTERNS

Image	Pattern
	ANSELL GRIP™ technology
	Crinkle finish
	Diamond
	Fishscale
	Granite finish
	Granular latex crumb finish
	Lozenge
	Microgranulated finish

Image	Pattern
	Raised
	Raised diamond
	Reversed lozenge
	Rough finish
	Sandpatch
	Sandblast
	Smooth finish
	Textured

CHEMICAL SOLUTIONS

Brand	Style	Page
NBR Nitrile		
Eco-Green™	398	69
AlphaTec® Solvex®	37-145	69
AlphaTec® Solvex®	37-175	69
AlphaTec® Solvex®	37-185	70
VersaTouch®	37-210	70
Sol-Knit®	39-122	71
Sol-Knit®	39-124	71
AlphaTec®	58-270	71
AlphaTec®	58-330	72
AlphaTec®	58-335	72
AlphaTec®	58-430	73
AlphaTec®	58-435	73
AlphaTec®	58-530B	74
AlphaTec®	58-535B	74
AlphaTec®	58-735	75
Virtex™	79-700	76
NRL Natural rubber latex		
VersaTouch®	88-350	76
Chemi-Pro™	224	76
Ultragrip Yellow™	396	77
Premium Pink™	352	77
Premium Blue™	354	78
Superfood Blue™	356	78
Bulkpack Yellow ™	376	78
NeoGreen™	395	79
HyCare™	739	79
VersaTouch®	62-401	79
PVC PVC		
Snorkel™	04-644	80
NE Neoprene		
Scorpio®	08-354	80
Scorpio®	09-928	81
Scorpio®	19-024	81
Neotop®	29-500	82

Brand	Style	Page
PVA Polyvinyl alcohol		
PVA®	15-554	82
BU Butyl		
ChemTek™	38-514	83
VB Butyl/Viton®		
ChemTek™	38-612	83
LF Laminated film		
Barrier®	02-100	84
CSM Chlorosulfonated polyethylene (CSM)		
AlphaTec®	85-300	84
AlphaTec®	85-301	84
AlphaTec®	85-302	84
AlphaTec®	85-303	84
AlphaTec®	85-304	84
AlphaTec®	85-305	84
TB Ethylene propylene diene rubber (EPDM)		
AlphaTec®	85-500	85
AlphaTec®	85-501	85
AlphaTec®	85-502	85
AlphaTec®	85-503	85
AlphaTec®	85-504	85
AlphaTec®	85-505	85
TW Ethylene propylene diene rubber (EPDM+)		
AlphaTec®	85-600	85
AlphaTec®	85-601	85
AlphaTec®	85-602	85

Eco-Green™ 398

NITRILE

Liner material	Cotton flocking
Grip design	Raised pattern
Cuff style	Standard
Size	7, 8, 9, 10
Length (mm)	320
Thickness (mm)	0.36
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 2001

EN 374:2003

EXTRA FEATURES

Splash

Chemical resistant glove

DESCRIPTION

- Eco-Green is the glove that contains no natural rubber latex, but looks and feels like a rubber glove
- Manufactured from a nitrile compound, Eco-Green is ideal for applications and employees where natural rubber latex gloves can not be used
- For performance and broad protection against chemicals, Eco-Green is a popular choice

IDEAL APPLICATIONS

- Chemical handling
- Janitorial use
- The processing of meat

AlphaTec® Solvex® 37-145/175
(ex-Solvex® 37-145/175)

NITRILE

Coating material	Nitrile
Liner material	**37-145:** Unlined **37-175:** Flocked
Grip design	Sandpatch
Cuff style	Safety
Size	**37-145:** 7, 8, 9, 10, 11 **37-175:** 6, 7, 8, 9, 10, 11
Length (mm)	330
Thickness (mm)	**37-145:** 0.11 **37-175:** 0.15
Packaging	1 pair in a bag, 12 bags in a carton

AlphaTec® Solvex® 37-145

AlphaTec® Solvex® 37-175

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

37-145: EN 388:2016 4001; EN 388:2003 3001X; EN ISO 374-1:2016 Type A JKNOPT; EN 374:2003 JKL; EN 374:2003

37-175: EN 388:2016 4101X; EN 388:2003 4101; EN ISO 374-1:2016 Type A JKLOPT; EN 374:2003 JKL; EN ISO 374-5:2016 VIRUS; EN 374:2003

EXTRA FEATURES

Immersion

Anti-static

High-comfort, chemical resistant glove for a wide range of applications.

DESCRIPTION

- Available in two lengths, thicknesses, and linings, the AlphaTec® Solvex® nitrile glove is designed to deliver optimal results in wet or dry work environments where chemical resistance is crucial. Fully reusable, with an unequaled abrasion resistance, provides superb comfort for the wearer
- The unlined version of the glove has no inner cotton flocking, reducing risk of lint contamination and making it ideal for production areas sensitive to the introduction of external impurities
- The sandpatch finish gives the glove a smooth surface that decreases indirect costs thanks to fewer rejects of fragile parts.

IDEAL APPLICATIONS

- Chemical processing and preparation
- Refining – oil and petrol
- Metal fabrication
- Agrochemicals
- Printing

AlphaTec® Solvex® 37-185
(ex-Solvex® 37-185)

NITRILE

Coating material	Nitrile
Liner material	Unflocked
Grip design	Sandpatch
Cuff style	Gauntlet
Size	7, 8, 9, 10, 11
Length (mm)	455
Thickness (mm)	0.56
Packaging	1 pair in a bag; 12 bags in a carton

INDUSTRIES

PERFORMANCE RATINGS

EN 388:2003 4102 | EN 388:2016 4102X | EN 374:2003 AKL | EN ISO 374-1:2016 Type A AGJKLPT | EN 374:2003 | EN ISO 374-5:2016

EXTRA FEATURES

Anti-static | Immersion

CATEGORY III

Designed to deliver optimal results in wet or dry work environments

DESCRIPTION

- Ideal choice for safe handling in a wide range of work environments where harsh chemicals are present
- No inner cotton flocking, reducing risk of lint contamination and making it ideal for production areas sensitive to the introduction of external impurities
- Sandpatch finish giving the glove a smooth surface that decreases indirect costs thanks to fewer rejects of fragile parts
- AQL 0.65

IDEAL APPLICATIONS

- Agrochemicals
- Chemical processing and preparation
- Printing industries
- Refining – oil and petrol

VersaTouch® 37-210

NITRILE

Coating material	Nitrile
Liner material	Unflocked
Grip design	Raised diamond
Cuff style	Gauntlet
Size	7, 8, 9, 10, 11, 12
Length (mm)	320
Thickness (mm)	0.20
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 2001 | EN 388:2016 2001X | EN 374:2003 | EN ISO 374-1:2016 Type B JKT | EN 374:2003 | EN ISO 374-5:2016

EXTRA FEATURES

Splash | Silicone-free

Improved grip for better handling of wet and fatty foodstuff

DESCRIPTION

- Lightweight, reusable nitrile gloves designed specifically for food processing and handling
- Featuring Ansell UltraGrip™ technology: thanks to the raised diamond-pattern surfacing, these gloves offer unmatched grip in wet and oily conditions
- Outstanding flexibility and dexterity, even at low temperatures
- These gloves can be used on their own or as outer gloves over thermal liners or cut-resistant gloves
- AQL 1.5

IDEAL APPLICATIONS

- Dairy processing
- Poultry processing
- Prepared meals

Sol-Knit® 39-122/39-124 — NITRILE

Coating material	Nitrile
Liner material	Interlock cotton
Grip design	Rough finish
Cuff style	Gauntlet
Size	8, 9, 10
Length (mm)	**39-122:** 310 **39-124:** 350
Packaging	12 pairs in a bag; 6 bags in a carton

Sol-Knit® 39-122

Sol-Knit® 39-124

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 4111; EN 374:2003; EN 374:2003; EN 407 X1XXXX

EXTRA FEATURES

Anti-static; Immersion; Silicone-free

Strong mechanical performance and good chemical protection in a broad range of applications

DESCRIPTION

- Provides heavy duty mechanical and chemical protection for a wide variety of work environments
- Offers optimum comfort of use thanks to its natural shape that makes it well-suited for use with long-lasting tasks
- Superior dexterity and the high levels of wet and dry grip contribute to wearer safety and ultimately to the overall productivity
- AQL 1.0

IDEAL APPLICATIONS

- Agrochemicals
- Chemical processing and preparation
- Degreasing
- Sub-assembly handling
- Tank filling
- Food handling

AlphaTec® 58-270 — NITRILE

Coating material	Nitrile
Liner material	Nylon
Grip design	ANSELL GRIP™ technology
Cuff style	Gauntlet
Size	7, 8, 9, 10, 11
Length (mm)	300
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 X131; EN 388:2016 3131A; EN 374:2003 JKL; EN ISO 374-1:2016 Type A JKLOPT; EN 374:2003; EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static; Silicone-free; Immersion; Vending

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

Chemical resistant glove with industry-leading grip and high flexibility

DESCRIPTION

- Designed for light to medium chemical applications
- Thin, double-wall nitrile shell and 15-gauge seamless nylon liner offer users excellent tactility, comfort and flexibility
- Easy to don and remove with its safety cuff shape to prevent snagging and avoid itching on bare hands
- Featuring ANSELL GRIP™ technology for more precise handling of small oily or wet parts
- AQL 0.65

IDEAL APPLICATIONS

- Chemical handling
- Handling objects coated in grease and oils
- Light assembly in chemical environments
- Maintenance
- Refining – oil and petrol

AlphaTec® 58-330/58-335 NITRILE

High performance nitrile compound with superior snag, puncture and abrasion protection over neoprene

AlphaTec® 58-330

AlphaTec® 58-335

Enhanced perspiration management for increased comfort

Coating material	Nitrile
Liner material	AQUADRI™
Grip design	Reversed lozenge
Cuff style	Gauntlet
Size	7, 8, 9, 10, 11
Length (mm)	320
Thickness (mm)	**58-330:** 0.30 (Nitrile) + 0.35 (AQUADRI™) **58-335:** 0.45 (Nitrile) + 0.35 (AQUADRI™)
Packaging	**58-330:** 12 pairs in a bag; 12 bags in a carton **58-335:** 12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 4101 | EN 388:2016 3101X | EN 374:2003 JKL | EN ISO 374-1:2016 Type A JKLOPT
58-330

EN 374:2003 | EN ISO 374-5:2016
58-330

EN 388:2003 4101 | EN 388:2016 4101A | EN 374:2003 JKL | EN ISO 374-1:2016 Type A JKLOPT
58-335

EN 374:2003 | EN ISO 374-5:2016
58-335

EXTRA FEATURES

Anti-static | Silicone-free | Immersion
58-335

Vending
58-330

TECHNOLOGIES

AQUADRI™ Moisture Management Technology

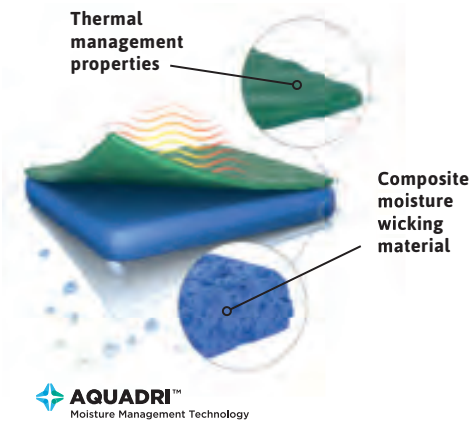
Less sweat equals greater comfort and performance

DESCRIPTION

- Inner soft foam coating with proprietary AQUADRI™ technology for up to 10 times more moisture absorption than traditional cotton-flocked linings
- Advanced chemical protection against incidental exposure to bases, oils, fuels, some solvents, greases and animal fats
- Reversed-lozenge finish delivering optimal results in dry or wet conditions and foldable cuff gutter preventing dripping on the forearm
- High-performance nitrile compound offering superior snag, puncture and abrasion protection compared to rubber or neoprene
- AQL 1.5

IDEAL APPLICATIONS

- Changing oil and fixing pumps
- Chemicals mixing/handling/transferring/pouring/blending
- Cleaning
- Opening and draining pumps/valves
- Painting, sealing and packaging
- Food handling



AlphaTec® 58-430/58-435 NITRILE

AlphaTec® 58-435

AlphaTec® 58-430

Coating material	Nitrile
Liner material	Cotton flocking
Grip design	ANSELL GRIP™ technology
Cuff style	Gauntlet
Size	7, 8, 9, 10, 11
Length (mm)	**58-430:** 320 **58-435:** 380
Thickness (mm)	**58-430:** 0.30 **58-435:** 0.46
Packaging	**58-430:** 12 pairs in a bag; 12 bags in a carton **58-435:** 12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 3001 | EN 388:2016 3001X | EN 374:2003 JKL | EN ISO 374-1:2016 Type A JKLOPT

58-430

EN 388:2003 4001 | EN 388:2016 4001A | EN 374:2003 AJKL | EN ISO 374-1:2016 Type A AJKLOPT

58-435

EN 374:2003 | EN ISO 374-5:2016

58-430/58-435

EXTRA FEATURES

Anti-static | Silicone-free | Immersion

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

Confident grip performance with enhanced flexibility

DESCRIPTION

- Featuring ANSELL GRIP™ technology for optimal control when handling oily or wet objects and reduced hand fatigue
- Solid nitrile shell for super protection against exposure to bases, oils, fuels, some solvents, greases, animal fats, hydrocarbon derivatives and alcohols
- Cotton flocking offering superior comfort
- Foldable gutter cuff helping prevent dripping onto the forearm
- AQL 0.65

IDEAL APPLICATIONS

- Chemical handling
- Handling fluid-coated metal parts
- Handling paints, inks, dyes, glues and adhesives
- Handling waste oils
- Industrial tool maintenance
- Petrochemicals
- Food handling

AlphaTec® 58-530B/58-535B

NITRILE

ANSELL GRIP™ technology enables users to handle wet or oily objects with less grip exertion and more control

Seamless knitted liner for greater comfort and flexibility

AlphaTec® 58-530B

AlphaTec® 58-535B

Soft nitrile shell protecting from harmful contact with oils, solvents, bases and other liquids

Coating material	Nitrile
Liner material	Acrylic
Grip design	ANSELL GRIP™ technology
Cuff style	Gauntlet
Size	**58-530B:** 8, 9, 10, 11 **58-535B:** 7, 8, 9, 10, 11
Length (mm)	**58-530B:** 305 **58-535B:** 356
Packaging	6 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 4121 | EN 388:2016 3122A | EN 374:2003 JKL | EN ISO 374-1:2016 Type A AJKLOPT | EN 374:2003 | EN ISO 374-5:2016 | EN 407 X1XXXX

58-530B

EN 388:2003 4121 | EN 388:2016 4142A | EN 374:2003 JKL | EN ISO 374-1:2016 Type A AJKLOPT | EN 374:2003 | EN ISO 374-5:2016 | EN 407 X1XXXX

58-535B

EXTRA FEATURES

Anti-static | Silicone-free | Immersion

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

Unrivalled combination of chemical resistance, confident grip and a comfortable inner lining

DESCRIPTION

- Featuring ANSELL GRIP™ technology to enable users to handle wet or oily objects with less grip force and more control
- Solid nitrile shell for high protection against exposure to bases, oils, fuels, some solvents and greases
- AlphaTec® models with white nylon liner are recommended for indoor applications, whereas AlphaTec® models with black acrylic liner are recommended for outdoor applications
- AQL 0.65

IDEAL APPLICATIONS

- Agrochemicals
- Chemical handling, especially caustics and solvents
- Handling objects coated in grease and oils
- Maintenance
- Refining – oil and petrol

AlphaTec® 58-735 | NITRILE

Coating material	Nitrile
Liner material	INTERCEPT TECHNOLOGY® yarn
Grip design	ANSELL GRIP™ technology
Cuff style	Gauntlet
Size	7, 8, 9, 10, 11
Length (mm)	350
Thickness	1
Packaging	6 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2016 — 4X32C

EN ISO 374:2016 Type A — AJKLMNOPT

EN ISO 374-5:2016

EXTRA FEATURES

Anti-static

Silicone-free

Splash

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology

INTERCEPT™ Cut Resistance Technology

Don't compromise between chemical or cut protection, have both!

DESCRIPTION

- Nitrile barrier provides advanced chemical protection from many frequently used chemicals
- INTERCEPT Technology® provides ISO C cut protection
- ANSELL GRIP™ technology for the handling of wet or oily parts providing enhanced dexterity, grip and comfort

IDEAL APPLICATIONS

- Chemical blending
- Chemical/fluid/agent sampling
- Cleaning & preparation for painting
- Handling materials with sharp edges
- Lab and research and development
- Laboratory work
- Mechanical component assembly/maintenance
- Metal working with corrosives
- Tools & parts cleaning
- Washing of lab glassware
- Wiping/spot cleaning

Virtex™ 79-700

NITRILE

Coating material	Nitrile
Liner material	AQUADRI™
Grip design	Reversed lozenge
Cuff style	Rolled beaded
Size	7, 8, 9, 10, 11
Length (mm)	310
Thickness (mm)	0.225
Packaging	1 pair in a bag; 50 pairs in an inner dispenser; 4 dispensers in a carton

All day comfort in a lightweight glove

DESCRIPTION

- Featuring AQUADRI™ technology keeping users hands drier for a longer period of time and offering increased comfort
- Reversed lozenge pattern on the palm area combined with a non-chlorinated surface for a secure grip in wet, dry and oily applications
- AQL 0.65

IDEAL APPLICATIONS

- Engine and system testing
- Food distribution
- Handling and light-assembly applications in dry, fully wet or oily conditions
- Oil and hydrocarbon-based solutions
- Painting, coating and cleaning

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 1001 | EN 388:2016 1001A | EN 374:2003 | EN ISO 374-1:2016 Type B JKT | EN 374:2003 | EN ISO 374-5:2016 | EN 421

EXTRA FEATURES

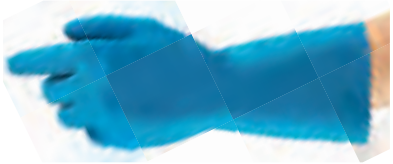
Anti-static | Immersion | Silicone-free

TECHNOLOGIES

AQUADRI™ Moisture Management Technology

VersaTouch® 88-350

NATURAL RUBBER LATEX



Coating material	Natural Rubber Latex
Liner material	Silverlined
Grip design	Raised grip
Cuff style	Pinked
Size	7, 7.5, 8, 8.5, 9, 9.5, 10, 11
Length (mm)	290
Thickness (mm)	0.7
Packaging	12 pair in a bag; 12 bags in a carton

Designed for the high-volume food processing market, the VersaTouch™ 88-350 glove is made from FDA compliant materials and is blue for high visibility

DESCRIPTION

- This glove is double dipped for extra durability and additional resistance against fats and oils.
- The VersaTouch™ 88-350 glove also offers silver lining for easy donning and doffing.
- Sanitised to help reduce bacterial build-up on the glove.

IDEAL APPLICATIONS

- Food preparation
- Catering

INDUSTRIES

PERFORMANCE RATINGS

EN 388:2003 2111 | EN 374:2003 | EN 374:2003

Chemi-Pro™ 224

NATURAL RUBBER LATEX

Coating material	Natural Rubber Latex/ Neoprene
Liner material	Flocked
Grip design	Lozenge
Cuff style	Safety
Size	8, 9, 10
Length (mm)	320
Thickness (mm)	0.69
Packaging	12 pairs in a bag; 4 bags in a carton

Extra chemical protection and durability for more demanding applications

DESCRIPTION

- Unique dipping process combines neoprene over natural rubber latex for increased protection against a wide range of chemicals
- Thick for extra ruggedness, durability and protection against physical hazards
- Diamond pattern provides added grip on wet or dry surfaces
- Cotton flock lining absorbs perspiration and increases worker comfort

IDEAL APPLICATIONS

- Applying sealers, touching up
- Body painting including surface inspection
- Use of cleaning tools and robotic equipment

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 X120 | EN 374:2003 | EN 374:2003 AKL

EXTRA FEATURES

Immersion

Ultragrip Yellow™ 396

NATURAL RUBBER LATEX

Coating material	Natural Rubber Latex
Liner material	Silverlined
Grip design	Raised
Cuff style	Pinked
Size	7, 8, 9, 10
Length (mm)	290-300
Thickness (mm)	0.95
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 X010 | EN 374:2003 | EN 374:2003

Excellent wet and dry grip

DESCRIPTION

- With a special textured grip pattern, the Ultragrip Yellow™ glove offers improved wet and dry grip for many applications
- The close fitting contoured shape allows maximum dexterity and sensitivity for delicate operations
- The double dipping manufacturing process gives additional resistance to certain chemicals
- Ultragrip Yellow™ gloves are also sanitised to prevent bacterial build-up
- Silverlined for easy donning and doffing

IDEAL APPLICATIONS

- Cleaning

Premium Pink™ 352

NATURAL RUBBER LATEX

Coating material	Natural Rubber Latex
Liner material	Silverlined
Grip design	Raised
Cuff style	Pinked
Size	6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 11
Length (mm)	300
Thickness (mm)	0.5
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 1010 | EN 374:2003 | EN 374:2003

EXTRA FEATURES

Immersion

Superior performance and durability

DESCRIPTION

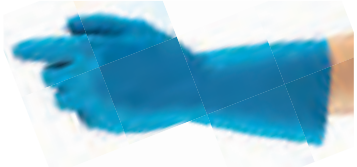
- Premium Pink™ gloves are the ideal rubber glove for applications where superior performance and greater durability is required.
- The Premium Pink™ glove has a standard 'easy-fit' shape for a less restrictive fit and can be comfortably worn over a cotton liner.
- With a full-size range available in half sizes, you can find the right fit for your hand.
- Premium Pink™ gloves are also double dipped for better chemical protection.

IDEAL APPLICATIONS

- Cleaning
- Janitorial

Premium Blue™ 354

NATURAL RUBBER LATEX



Coating material	Natural Rubber Latex
Liner material	Silverlined
Grip design	Raised
Cuff style	Pinked
Size	7, 7.5, 8, 8.5, 9, 9.5, 10
Length (mm)	300
Thickness (mm)	0.5
Packaging	12 pairs in a bag; 12 bags in a carton

Excellent durability and wearability in a range of hot and cold situations.

DESCRIPTION

- The Premium Blue™ glove is manufactured from FDA-compliant materials, case hardened for improved resistance against fats and oils, blue in colour for high visibility and featuring an 'easy-fit' shape for a less restrictive fit.
- Premium Blue™ gloves are ideal for food processing, handling, cleaning and janitorial services.
- Double-dipped for increased protection against chemicals.

IDEAL APPLICATIONS

- Food handling
- Catering
- Cleaning

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

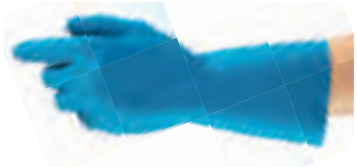
EN 388:2003 1110 | EN 374:2003 | EN 374:2003

EXTRA FEATURES

Immersion

Superfood Blue™ 356

NATURAL RUBBER LATEX



Coating material	Natural Rubber Latex/ Neoprene
Liner material	Unlined
Grip design	Fishscale
Cuff style	Pinked
Size	6.5-7, 7.5-8, 8.5-9, 9.5-10
Length (mm)	290
Thickness (mm)	0. 425
Packaging	12 pairs in a bag; 12 bags in a carton

Lightweight and form fitting

DESCRIPTION

- The 356 glove is made from FDA-compliant materials and is a lightweight
- Form fitting glove that offers excellent fingertip sensitivity and dexterity.
- With a 'fishscale' type grip pattern, these gloves offer good grip on food products.
- Case hardened for better resistance against fats and oils.
- Sanitised to help reduce bacterial build-up on the glove.

IDEAL APPLICATIONS

- Food handling
- Meat processing
- Cleaning
- Janitorial

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 X010 | EN 374:2003 | EN 374:2003

EXTRA FEATURES

Immersion

Bulkpack Yellow™ 376

NATURAL RUBBER LATEX

Coating material	Natural Rubber Latex
Liner material	Flocked
Grip design	Fishscale
Cuff style	Pinked
Size	6.5-7, 7.5-8, 8.5-9, 9.5-10
Length (mm)	300
Thickness (mm)	0.35
Packaging	12 pairs in a bag; 12 bags in a carton

Textured janitorial gloves

DESCRIPTION

- For high frequency applications, where a no-frills approach is required.
- The cotton flock lining provides workers with a degree of comfort.
- The fishscale pattern provides excellent grip.
- Economical packaging minimises waste.
- The glove is sanitised to reduce bacterial build-up and features improved resistance to fats and oils.

IDEAL APPLICATIONS

- Cleaning
- Janitorial

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 X010 | EN 374:2003 | EN 374:2003

EXTRA FEATURES

Immersion

NeoGreen™ 395

NATURAL RUBBER LATEX

Coating material	Natural Rubber Latex
Liner material	Flocked
Grip design	Raised
Cuff style	Pinked
Size	7,8,9,10
Length (mm)	320
Thickness (mm)	0.46
Packaging	12 pairs in a bag; 12 bags in a carton

For long performance and broad protection against chemicals

DESCRIPTION

- Made from a natural rubber latex and neoprene blend, the NeoGreen™ glove provides an ideal mix of chemical and puncture resistance.
- The cotton flock lining on the inside of the NeoGreen™ glove provides added comfort and the close fitting contoured shape also allows maximum dexterity.
- Case hardened for improved resistance against fats and oils.
- Sanitised to help reduce bacterial build up.
- Manufactured from FDA-compliant materials for food contact.

IDEAL APPLICATIONS

- Food processing and handling
- Laboratory work
- Janitorial services

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 X010 | EN 374:2003 | EN 374:2003

EXTRA FEATURES

Immersion

HyCare™ 739

NATURAL RUBBER LATEX

Coating material	Natural Rubber Latex
Liner material	Cotton
Grip design	Crinkle
Cuff style	Pinked
Size	7, 8, 9, 10
Length (mm)	300
Thickness (mm)	0.2
Packaging	12 pairs in a bag; 6 bags in a carton

Excellent durability and wearability in a range of hot and cold situations

DESCRIPTION

- Case hardened for improved resistance against fats and oils
- Durable construction for longer life
- Excellent wet and dry grip
- Good insulation from hot and cold

IDEAL APPLICATIONS

- Cleaning and janitorial
- Maintenance

INDUSTRIES

PERFORMANCE RATINGS

EN 388:2003 2111 | EN 374:2003 | EN 374:2003

EXTRA FEATURES

Immersion

VersaTouch® 62-401

NATURAL RUBBER LATEX

Coating material	Natural rubber latex
Liner material	Cotton jersey
Grip design	Crinkle finish
Cuff style	Gauntlet
Size	7, 8, 9, 10, 11
Length (mm)	320
Thickness (mm)	1.35
Packaging	6 pairs in a bag; 8 bags in a carton

Liquid-proof glove combining good chemical and mechanical performance with high thermal insulation

DESCRIPTION

- Comfortable for intensive use
- Very good flexibility
- Excellent thermal insulation either in hot (up to 250°C) or cold (down to -10°C for extended contact and -30°C for intermittent contact) conditions
- AQL 1.5

IDEAL APPLICATIONS

- Building materials handling
- Fish processing
- General purpose
- Oyster farming
- Waste collection

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 3231 | EN 374:2003 AKL | EN 374:2003

EN 511 011 | EN 407 02XXXX

EXTRA FEATURES

Immersion

Snorkel™ 04-644 — PVC

Coating material	PVC
Liner material	Cotton
Grip design	Sandblast
Cuff style	Gauntlet
Size	9, 10, 11
Length (mm)	300
Thickness (mm)	1.6
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY II

PERFORMANCE RATINGS

EN 388:2003 3021 | EN 374:2003

EXTRA FEATURES

Splash

Soft PVC glove offering high dexterity and flexibility

DESCRIPTION

- Soft PVC coating on glove maintains dexterity and pliability at low temperatures
- Sandblast grip design makes handling of wet and slippery materials easier and safer
- AQL 1.5

IDEAL APPLICATIONS

- Cleaning
- Degreasing

Scorpio® 08-354 — NEOPRENE

Coating material	Neoprene
Liner material	Interlock cotton
Grip design	Rough finish
Cuff style	Gauntlet
Size	9, 10
Length (mm)	350
Packaging	12 pairs in a bag; 6 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 3121 | EN 374:2003 AKL | EN 374:2003

EXTRA FEATURES

Anti-static | Immersion

Neoprene dipped coating on an interlock knit liner

DESCRIPTION

- Soft stretchy knit liner with no seams in working area for comfort and easy donning and doffing
- Textured finish for excellent grip on wet and slippery material
- AQL 1.0

IDEAL APPLICATIONS

- Cleaning
- Laboratory analysis
- Petrochemicals
- Refining – oil and petrol
- Speciality chemicals

Scorpio® 09-928

NEOPRENE

Coating material	Neoprene
Liner material	Cotton jersey
Grip design	Smooth finish
Cuff style	Gauntlet
Size	10
Length (mm)	450
Packaging	12 pairs in a bag; 3 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 3121 | EN 374:2003 AKL | EN 374:2003

EXTRA FEATURES

Immersion

Top-of-the-range neoprene glove delivering excellent wide-ranging chemical protection

DESCRIPTION

- Protection against a wide range of oils, acids, caustics, alcohols and many solvents
- Good resistance to all mechanical hazards
- Special Hi-Lo insulated gauntlet option with quilted cotton liner, for use in both hot and cold temperatures
- Permits intermittent handling in hot liquids up to 180°C and handling in cold temperatures down to -25°C
- Comfortable anatomical glove shape which follows the contours of the hand at rest
- AQL 1.5

IDEAL APPLICATIONS

- Chemical handling, especially caustics and solvents
- Degreasing
- Petrochemicals
- Plating
- Refining – oil and petrol

Scorpio® 19-024

NEOPRENE

Coating material	Neoprene
Liner material	Double insulating liner
Grip design	Rough finish
Cuff style	Gauntlet
Size	8, 10
Length (mm)	450
Packaging	1 pair in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 3222 | EN 374:2003 AKL | EN 374:2003

EN 511 121 | EN 407 32XX4X

EXTRA FEATURES

Anti-static | Immersion

Neoprene-dipped coating on a double insulating liner

DESCRIPTION

- Combine the flexibility and chemical protection of neoprene with the comfort and heat resistance of a soft thermal liner
- Designed to protect the users in applications where thermal and chemical risks are present
- Excellent mechanical and chemical properties
- Unaffected by detergents and cleaning solutions, and excellent protection against greases and oils
- Provides protection from intermittent contact with hot surfaces up to 180°C
- AQL 1.0

IDEAL APPLICATIONS

- Handling of objects in hot or cold chemicals
- Plating operations
- Steam cleaning and maintenance

Neotop® 29-500

NEOPRENE

Coating material	Neoprene
Liner material	Cotton flocking
Grip design	Lozenge
Cuff style	Straight
Size	8, 9, 10
Length (mm)	300
Thickness (mm)	0.70
Packaging	12 pairs in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 3121
EN 388:2016 X121A
EN 374:2003 AKL
EN ISO 374-1:2016 Type A AKLNPT
EN 374:2003
EN ISO 374-5:2016

EXTRA FEATURES

Immersion

Medium duty chemical protection with outstanding flexibility and ease of handling

DESCRIPTION

- Ideal for use in cold conditions: neoprene maintains its superb elasticity even at low temperatures
- Protects against a wide range of acids, caustics, alcohols and many solvents
- Superior flexibility and much less tiring to the hands than comparable heavy duty gloves
- Flock lined in pure cotton for better comfort and perspiration absorption
- AQL 0.65

IDEAL APPLICATIONS

- Agriculture
- Chemical industries
- Cleaning
- Refining – oil and petrol

PVA® 15-554

POLYVINYL ALCOHOL

Coating material	Polyvinyl alcohol
Liner material	Interlock cotton
Grip design	Smooth finish
Cuff style	Gauntlet
Size	9, 10
Length (mm)	355
Packaging	1 pair in a bag; 12 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 3121
EN 388:2016 3121A
EN 374-2003 BCD
EN ISO 374-1:2016 Type A BCDFIJ
EN 374:2003
EN ISO 374-5:2016

EXTRA FEATURES

Anti-static
Immersion

Polyvinyl alcohol coating out-performs most other types of chemical-resistant gloves

DESCRIPTION

- One of the only gloves suitable for handling strong organic solvents
- Virtually inert in aromatic and chlorinated solvents
- Comfortable anatomical glove with pre-curved fingers and winged thumb
- Cushions the hand and absorbs perspiration
- AQL 1.0

IDEAL APPLICATIONS

- Chemical processing and preparation
- Electronic manufacture
- Lab work and analysis, especially when resistance to acids is required
- Printing industries

ChemTek™ 38-514 — BUTYL

Coating material	Butyl
Grip design	Rough finish
Cuff style	Rolled beaded
Size	7, 8, 9, 10, 11
Length (mm)	350
Thickness (mm)	0.35
Packaging	36 pairs per carton; individually wrapped with insert

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 1000; EN 388:2016 1000X; EN 374:2003 BIK; EN ISO 374-1:2016 Type A ABCIKMPST; EN 374:2003; EN ISO 374-5:2016

EXTRA FEATURES

Anti-static; Immersion

Excellent chemical protection, including solvents and some acids

DESCRIPTION

- Provide the best resistance to the most aggressive chemicals – without compromising dexterity or comfort
- Superior protection against aldehydes, ketones and esters as well as concentrated mineral acids
- Very good flexibility
- Designed for comfort with a natural, curved ergonomic shape and soft feel to offer easy donning and good grip
- AQL 1.5

IDEAL APPLICATIONS

- Chemical industries
- Chemical processing and preparation
- Disaster response
- Mining
- OEM
- Printing industries
- Refining – oil and petrol

ChemTek™ 38-612 — BUTYL/VITON®

Coating material	Butyl, Viton®
Grip design	Smooth finish
Cuff style	Beaded
Size	8, 9, 10
Length (mm)	305
Thickness (mm)	0.30
Packaging	36 pairs in a carton; individually wrapped with insert

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 1010; EN 388:2016 1010X; EN 374:2003 BCDFL; EN ISO 374-1:2016 Type A BCFLSPT; EN 374:2003; EN ISO 374-5:2016

EXTRA FEATURES

Anti-static; Immersion

Maximum protection from hazardous chemicals

DESCRIPTION

- Made of two layers to provide the best resistance to the most aggressive chemicals without compromising dexterity or comfort
- Offers superior protection against aliphatic, halogenated and aromatic hydrocarbons (benzene, toluene, xylene) as well as concentrated mineral acids
- Very good flexibility
- Natural, curved ergonomic shape and soft feel offering easy donning and good grip
- AQL 1.5

IDEAL APPLICATIONS

- Chemical plants and transportation
- Chemical processing, oil refining and petrochemicals
- Disaster response
- Handling speciality chemicals
- Hazmat work

Barrier® 02-100

LAMINATED FILM

Coating material	HPPE laminated film
Grip design	Smooth finish
Cuff style	Gauntlet
Size	8, 9, 10
Length (mm)	380 - 410
Thickness (mm)	0.062
Packaging	1 pair in a bag; 12 pairs in a master bag; 6 master bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374-2003 ABC

EN ISO 374-1:2016 Type A ABCEFGHIMS

EN 374:2003

EN ISO 374-5:2016

EXTRA FEATURES

Immersion

Extreme resistance against a wide range of chemicals and biological hazards

DESCRIPTION

- 5 protective layers of laminated film for excellent chemical resistance
- Hand-specific design
- Exceptional barrier integrity with very low AQL, and all gloves individually air-pressure tested
- Approved for use with all the Trellchem® gastight suits
- AQL 0.065

IDEAL APPLICATIONS

- General chemical industries
- Laboratory analysis
- Pharmaceuticals
- Environmental cleanup
- Aviation
- Emergency services

AlphaTec® 85-300/85-301/85-302/85-303/85-304/85-305

CHLOROSULFONATED POLYETHYLENE (CSM)

Coating material	Chlorosulfonated polyethylene
Grip design	Smooth
Cuff style	Rolled beaded
Size	9.5, 11
Length (mm)	**85-300/301:** 800 (port size 200) **85-302/303:** 800 (port size 250) **85-304/305:** 800 (port size 300)
Thickness (mm)	**85-300/302/304:** 0.40 **85-301/303/305:** 0.60
Packaging	1 pair per black bag; 10 bags per carton

AlphaTec® 85-300

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 4101

EN 374:2003 AKL

EN 374:2003

EXTRA FEATURES

Immersion

Isolator box gloves

Increased comfort and protection in critical environments

DESCRIPTION

- Designed for high resistance against concentrated acids and bases
- Soft, flexible material designed for ease of use
- White colouring for easy detection of contamination
- AQL 1.5

IDEAL APPLICATIONS

- Vaccine manufacturing
- Aseptic filling
- Parenteral drug manufacturing
- (HP)API manufacturing/charging/filling
- Handling chemicals

AlphaTec® 85-500/85-501/ 85-502/85-503/85-504/85-505

ETHYLENE PROPYLENE DIENE RUBBER (EPDM)

Coating material	Ethylene propylene diene rubber
Grip design	Smooth
Cuff style	Rolled beaded
Size	9.5, 11
Length (mm)	**85-500/85-501:** 800 (port size 200) **85-502/85-503:** 800 (port size 250) **85-504/85-505:** 800 (port size 300)
Thickness (mm)	**85-500/85-502/85-504:** 0.40 **85-501/85-503/85-505:** 0.60
Packaging	1 pair per black bag; 10 bags per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 4111 | EN 374:2003 AKL | EN 374:2003

EXTRA FEATURES

Anti-static | Immersion

AlphaTec® 85-500

Isolator box gloves

Premium, FDA approved material* reduces glove changes

DESCRIPTION

- High-quality material, in compliance with FDA CFR21
- Designed for repeated autoclave sterilisation (up to 50 times), reducing the need for glove replacements
- Comfortable and dexterous with great tactile sensitivity
- AQL 1.5

IDEAL APPLICATIONS

- Vaccine manufacturing
- Aseptic filling
- Parenteral drug manufacturing
- (HP)API manufacturing/ charging/filling
- Manufacturing/ compounding cytotoxic/cytostatic drugs

AlphaTec® 85-600/85-601/85-602

ETHYLENE PROPYLENE DIENE RUBBER (EPDM+)

Coating material	Ethylene propylene diene rubber
Grip design	Smooth
Cuff style	Rolled beaded
Size	9.5, 11
Length (mm)	**85-600:** 800 (port size 200) **85-601:** 800 (port size 250) **85-602:** 800 (port size 300)
Thickness (mm)	0.51
Packaging	1 pair per black bag; 10 bags per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 3100 | EN 374:2003 AKL | EN 374:2003

EXTRA FEATURES

Immersion

AlphaTec® 85-600

Isolator box gloves

FDA-approved, premium white material* with black lining for breach detection

DESCRIPTION

- Dual-layered breach detection system: unique white material on a black lining
- High-quality material, in compliance with FDA CFR21*
- Designed for repeated autoclave sterilisation (up to 50 times), reducing the need for glove replacements
- AQL 1.5

IDEAL APPLICATIONS

- Vaccine manufacturing
- Aseptic filling
- Parenteral drug manufacturing
- (HP)API manufacturing/ charging/filling
- Manufacturing/ compounding cytotoxic/cytostatic drugs

* in full compliance with FDA Food Contact regulations (FDA Positive List) 21 CFR 177 Indirect Food Additives

SINGLE USE SOLUTIONS

Brand	Style	Page
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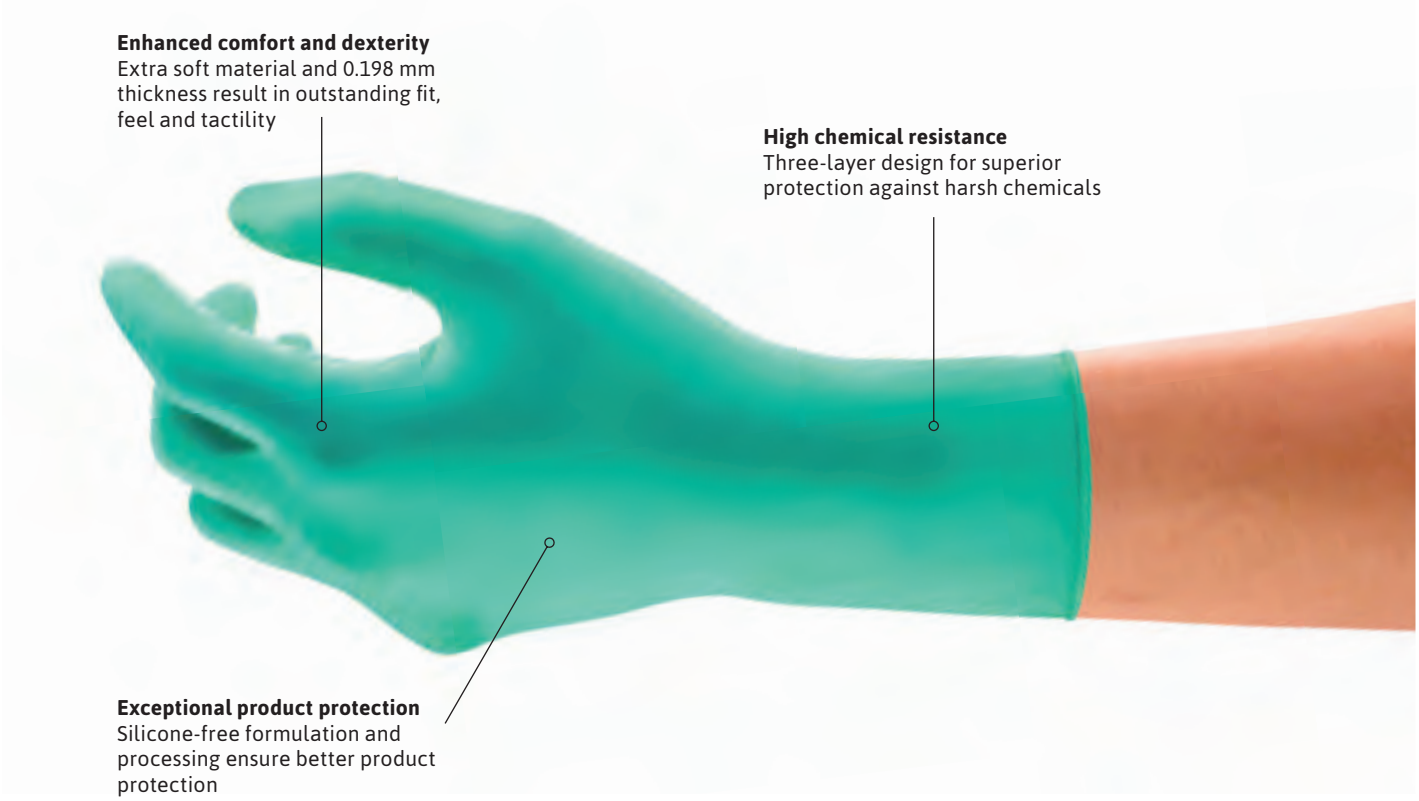
Microflex® 93-260

NITRILE/NEOPRENE



Coating material	Nitrile, Neoprene
Grip design	Textured fingertips
Cuff style	Beaded
Size	XS, S, M, L, XL, XXL
Length (mm)	300
Thickness (mm)	0.198
Packaging	50 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 388:2003 — 2000
EN 388:2016 — 2000X
EN 374:2003 — JKL
EN ISO 374-1:2016 Type A — JKLOPST
EN 374:2003
EN ISO 374-5:2016 — VIRUS

EXTRA FEATURES

Anti-static
Silicone-free
Splash

Tough chemical protection with unparalleled comfort

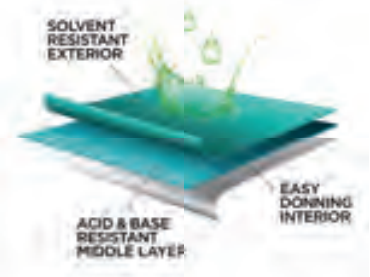
DESCRIPTION

- Three-layer design for superior protection against harsh chemicals including acids, solvents and bases
- Thin-mil construction provides enhanced tactility and dexterity
- Extra-soft material and ergonomic design for outstanding fit, feel and flexibility for longer wear time
- Lower acceptable pinhole rate
- Extended cuff for reliable protection against hazardous substances
- AQL 0.65

IDEAL APPLICATIONS

- Blending, compounding materials
- Handling aerospace equipment and parts
- Handling of painting tools including spray guns and robots
- Handling unexpected leaks, spills or other releases
- Maintenance and equipment cleanup
- Mounting and dismounting parts
- Petrochemicals
- Routine and experimental testing
- Sample taking and lab processing
- Transferring liquid and solids

INNOVATIVE 3 LAYER DESIGN*



* The method used to produce this 3 layer design is patent pending.

VersaTouch® 92-200 — NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	240
Thickness (mm)	0.08
Packaging	100 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type C | EN 374:2003 | EN ISO 374:2016 VIRUS

EXTRA FEATURES

Silicone-free | Splash

Comfort, dexterity and protection for food processing

DESCRIPTION

- Versatile and lightweight
- Textured fingertips for good comfort and tactility for sensitive and precise handling
- Ideal for handling all fatty food
- AQL 1.5

Remark: fit for special purpose

IDEAL APPLICATIONS

- Catering
- Dairy processing
- Food distribution
- Prepared meals

VersaTouch® 92-481 — NITRILE

Coating material	Nitrile
Grip design	Textured finish
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	300
Thickness (mm)	0.10
Packaging	100 gloves in a bag; 10 bags per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B JKT | EN 374:2003 | EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Splash

Lightweight nitrile disposable glove with extended cuff

DESCRIPTION

- Ideal for applications where a longer glove with leighter weight is required
- Polybag packaging ideal for wet environments
- AQL 1.5

IDEAL APPLICATIONS

- All final stages of meat or fish processing
- Catering
- Dairy processing
- Prepared meals

TouchNTuff® 92-500

NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	240
Thickness (mm)	0.12
Packaging	100 gloves per dispenser; 10 dispensers per carton

Durable powdered disposable nitrile glove with enhanced chemical splash protection

DESCRIPTION

- Powdered for easy donning and moisture absorption
- Made of proprietary nitrile formulation, the 92-500 resists a greater variety of industrial chemicals for longer periods than any other nitrile disposable glove
- AQL 1.5

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly and inspection
- Chemical handling
- Lab analysis
- Light duty maintenance

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B JKPT | EN 374:2003 | EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static | Silicone-free | Splash

TouchNTuff® 92-600

NITRILE

Coating material	Nitrile
Grip design	Smooth design
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	240
Thickness (mm)	0.12
Packaging	100 gloves per dispenser; 10 dispensers per carton

Robust disposable nitrile glove with enhanced chemical splash protection

DESCRIPTION

- Ansell's best-selling glove
- Made with proprietary nitrile formulation for enhanced chemical protection and increased comfort
- Robust nitrile enhances mechanical protection
- AQL 1.5

Remark: fit for special purpose

IDEAL APPLICATIONS

- Chemical handling
- Electronics
- Laboratory analysis
- Light-assembly tasks
- Paint and spray shops

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B JKPT | EN 374:2003 | EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static | Silicone-free | Splash | Vending

TouchNTuff® 92-605

NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	300
Thickness (mm)	0.12
Packaging	100 gloves per dispenser; 10 dispensers per carton

Robust extended cuff disposable nitrile glove with enhanced chemical splash protection

DESCRIPTION

- Made with proprietary Ansell nitrile formulation
- Enhanced chemical splash protection and increased comfort
- Extended cuff for protection of the wrist and the forearm
- AQL 1.5

IDEAL APPLICATIONS

- Chemical handling
- Laboratory analysis
- Light-assembly tasks
- Paint and spray shops
- Pharmaceuticals

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B JKPT | EN 421 | EN 374:2003 | EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static | Silicone-free | Splash

TouchNTuff® 92-670 | NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	240
Thickness (mm)	0.11
Packaging	100 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003
EN ISO 374-1:2016 Type B
JKT
EN 374:2003
EN ISO 374-5:2016
VIRUS

EXTRA FEATURES

Anti-static
Silicone-free
Splash

Disposable nitrile glove with textured fingers

DESCRIPTION

- Exclusive TouchNTuff® formulation for improved chemical splash protection
- Textured fingertips for good grip on dry and wet conditions
- AQL 1.5

Remark: fit for special purpose

IDEAL APPLICATIONS

- Chemical industry
- Intricate parts handling
- Laboratory analysis
- Pharmaceuticals

Microflex® 93-243 | NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Beaded
Size	XS, S, M, L, XL, XXL
Length (mm)	400
Thickness (mm)	0.12
Packaging	100 gloves in a bag; 10 bags in a carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003
EN 374:2003

EXTRA FEATURES

Anti-static
Splash

Extra-long cuff for superior forearm and product protection

DESCRIPTION

- Longer cuff provides additional forearm and product protection
- Cuff design prevents glove from rolling down
- Textured palm ensures safe grip in a variety of applications
- Polybag packaging allows for cleaner work environment; no cardboard particles
- AQL 1.5

IDEAL APPLICATIONS

- Analytical testing and measurements
- Lab work, blending, compounding, filling and cleaning
- Fastening, screwing and unscrewing parts

TouchNTuff® 93-250 — NITRILE

Coating material	Nitrile
Grip design	ANSELL GRIP™ technology
Cuff style	Beaded
Size	S, M, L, XL
Length (mm)	245
Thickness (mm)	0.125
Packaging	100 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

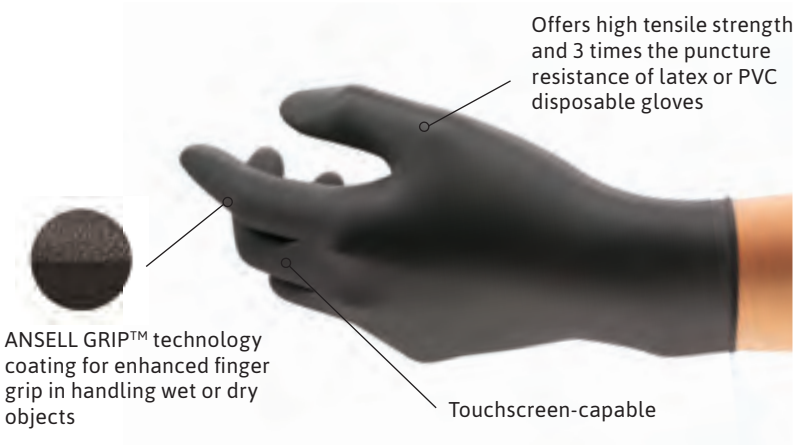
EN 374:2003 — EN ISO 374-1:2016 Type B JKTP — EN 374:2003 — EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static — Silicone-free — Splash

TECHNOLOGIES

ANSELL GRIP™ Ansell Grip Technology



ANSELL GRIP™ technology for a confident grip in dry and wet conditions

DESCRIPTION

- Minimises the force required to grip dry, wet or oily objects, reducing hand and arm fatigue and improving dexterity, safety and productivity
- Proprietary soft and durable formulation conforms to your hand, providing ultimate comfort for long wear periods
- AQL 1.5

Remark: fit for special purpose

IDEAL APPLICATIONS

- Handling of machined parts lightly coated with oil
- Food handling
- Handling of paint/glue guns and sprayers
- Lab work, blending, compounding, filling and cleaning

Nitrilite® 93-311 — NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	300
Thickness (mm)	0.10
Packaging	50 gloves vacuum-sealed in an unprinted polybag; two bags of 50 gloves per master polybag; 10 master polybags per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 — EN ISO 374-1:2016 Type B JKT — EN 374:2003 — EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static — Splash

Clean nitrile glove for product protection in life sciences and electronics

DESCRIPTION

- Produced in a controlled powder-free environment, this glove features exceptionally low levels of extractable and particles for excellent product protection
- Well suited for electrically sensitive applications requiring low particulate and superior hand protection
- Class 100 (ISO 5)/Grade A cleanroom-suitable
- All packaging and labeling is printed with IPA-resistant ink
- AQL 2.5

IDEAL APPLICATIONS

- Assembly of white goods
- Biotechnologies
- Electronic manufacture
- Paint and spray shops
- Semiconductor manufacturing

Nitrilite® 93-401 — NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	XS, S, M, L, XL
Length (mm)	300
Thickness (mm)	0.11
Packaging	50 gloves vacuum-sealed in an unprinted polybag; two bags of 50 gloves per master polybag; 10 master polybags per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 — EN ISO 374-1:2016 Type B (JKT) — EN 374:2003 — EN ISO 374-5:2016 (VIRUS)

EXTRA FEATURES

Splash — Silicone-free

Nitrile glove for ultra-cleanroom environments

DESCRIPTION

- Class 10 (ISO 4)/Grade A cleanroom-suitable
- Exceptionally low level of ionic content, extractables and particles for excellent product protection
- Well suited for electrically sensitive applications requiring low particulate and superior hand protection
- AQL 1.5

IDEAL APPLICATIONS

- Assembly of white goods
- Biotechnologies
- Electronic manufacture
- Paint and spray shops
- Semiconductor manufacturing

TouchNTuff® 93-700 — NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	300
Thickness (mm)	0.14
Packaging	One pair per poly wallet, sealed in a poly envelope; 10 pairs per outer polybag; 5 sealed outer polybags per master polybag; 4 sealed master polybags per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 — EN ISO 374-1:2016 Type B (JKPT) — EN 374:2003 — EN ISO 374-5:2016 (VIRUS)

EXTRA FEATURES

Anti-static — Silicone-free — Sterile — Splash

Disposable nitrile glove for controlled environments

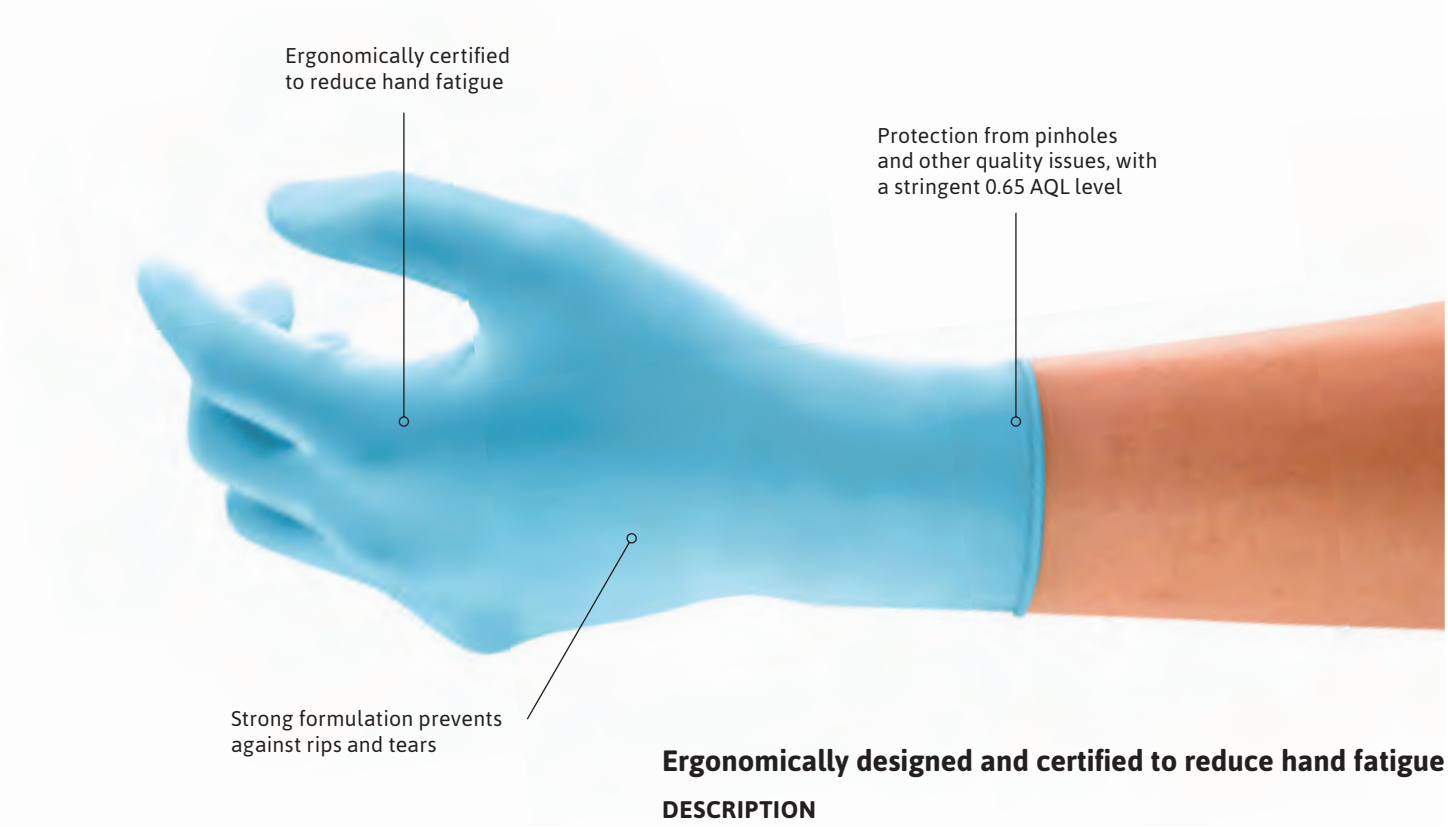
DESCRIPTION

- Aseptic environment and Class 100 (ISO 5)/ Grade A suitable
- Made with Ansell proprietary nitrile formulation to provide the wearer with a high level of comfort and enhanced splash protection
- Increased protection in the forearm (longer cuff)
- All packaging printed with cleanroom-compatible IPA-resistant ink
- AQL 1.5

IDEAL APPLICATIONS

- Analytical measurements
- Blending of liquids
- Pharmaceutical manufacturing
- Vaccines injectables operations
- Chemical handling

Microflex® 93-833 NITRILE



Ergonomically designed and certified to reduce hand fatigue

DESCRIPTION

- Designed to reduce hand fatigue and help workers be more productive while exerting less muscle effort
- The unique formulation delivers a thinner and lighter examination glove with increased strength and protection
- Smartly packaged 250 gloves per dispenser
- Exceptional barrier integrity with 0.65 AQL for allowable pinholes

IDEAL APPLICATIONS

- Analytical testing and measurements
- Biotechnologies
- Dairy processing
- Food processing
- Intricate parts handling
- Laboratory analysis and testing
- Light assembly tasks
- Light duty maintenance and clean-up
- Paint and spray shops
- Pharmaceutical manufacturing
- Protection from blood and other bodily fluids

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Beaded
Size	XS, S ,M, L, XL
Length (mm)	240
Thickness (mm)	0.07
Packaging	250 gloves per dispenser; 10 dispensers per carton **Size 9.5-10:** 230 gloves per dispenser

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

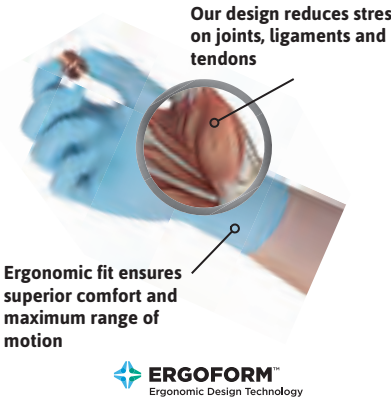
EN 374:2003
EN ISO 374-1:2016 Type B KPT
EN 421
EN 374:2003
EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static
Splash

TECHNOLOGIES

ERGOFORM™ Ergonomic Design Technology



Microflex® 93-843 NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Beaded
Size	S, M, L, XL
Length (mm)	245
Thickness (mm)	0.11
Packaging	100 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003

EN ISO 374-1:2016 Type B JKPT

EN 374:2003

EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static

Splash

Sturdy coverage for demanding applications

DESCRIPTION

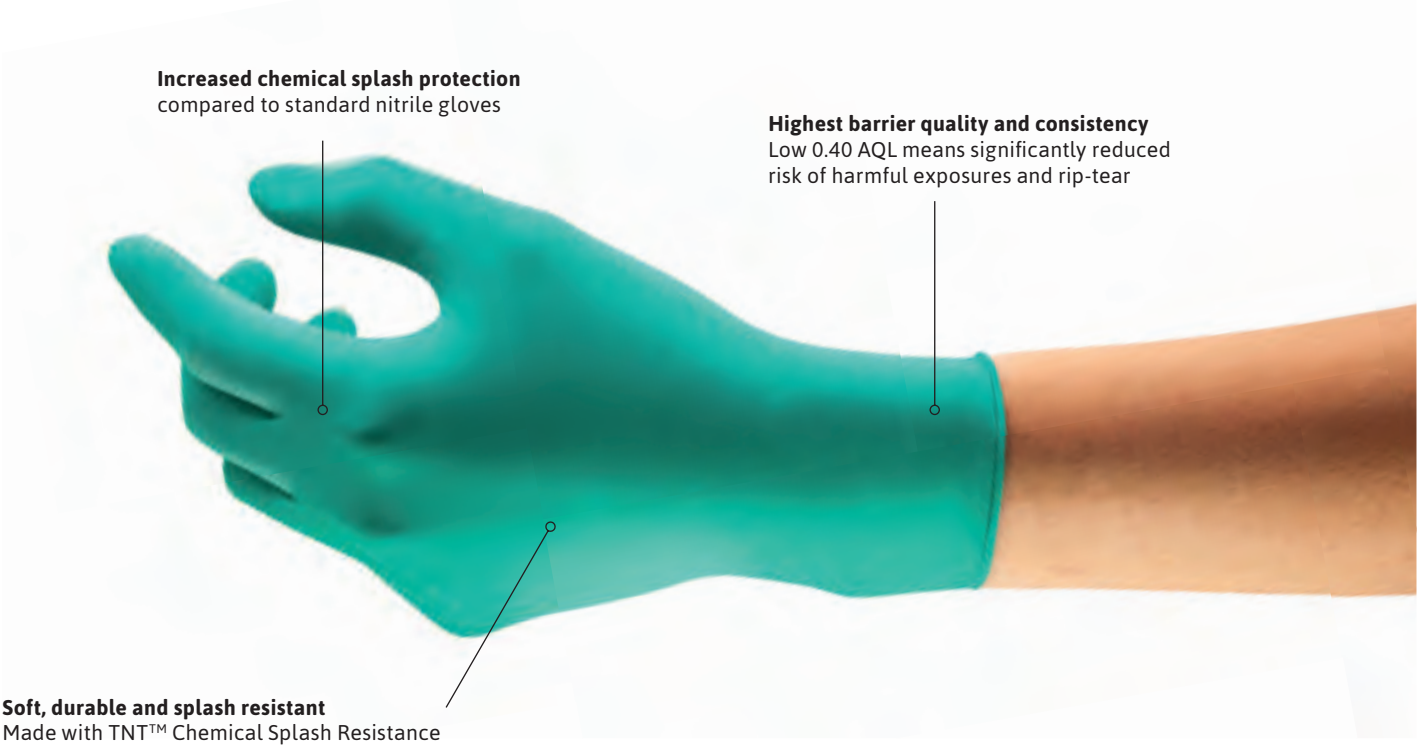
- Non-stick properties are built into the glove formulation to create a resistance to tape or adhesives, and to assist workers with improved efficiency and speed
- Exceptionnal barrier integrity with 0.65 AQL for allowable pinholes
- Textured fingertips ensure strong, efficient grip and maximum worker protection
- Polymer coating assures easy donning to help protect workers in fast-paced environments

Remark: fit for special purpose

IDEAL APPLICATIONS

- Assembly and inspection
- Food processing
- Laboratory analysis and testing
- Pharmaceutical manufacturing
- Protection from blood and other bodily fluids

Microflex® 93-850 NITRILE



Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Beaded
Size	XS, S, M, L, XL, XXL
Length (mm)	240
Thickness (mm)	0.12
Packaging	100 gloves per dispenser; 10 dispensers per carton **Size 11.5-12:** 90 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN ISO 374-1:2016 Type B JKOPT
EN ISO 374-5:2016 VIRUS
EN 421

EXTRA FEATURES

Anti-static
Silicone-free
Splash

TECHNOLOGIES

TNT™ Chemical Splash Resistance Technology

The ultimate barrier for a higher level of protection against hazardous exposures

DESCRIPTION

- The ultimate in disposable glove barrier protection for reduced risk of harmful exposures, rips and tears
- Made with TNT™ Chemical Splash Resistance Technology, a comfortable, durable proprietary Ansell polymer formulation
- Provides superior chemical splash resistance against a wide range of hazardous chemicals
- Low 0.40 AQL means fewer pinhole defects and greater barrier integrity

Remark: fit for special purpose

IDEAL APPLICATIONS

- Laboratory analysis
- Electronic manufacture
- Pharmaceuticals
- All final stages of meat or fish processing
- Controlled-environment rooms
- Prepared meals
- Dairy processing
- Catering

Microflex® 93-852 NITRILE

Coating material	Nitrile
Grip design	Fully textured
Cuff style	Beaded
Size	XS, S, M, L, XL
Length (mm)	245
Thickness (mm)	0.12
Packaging	100 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003

EN ISO 374-1:2016 Type B JKT

EN 374:2003

EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static

Splash

Non-foaming formula for a secure grip in wet applications

DESCRIPTION

- Non-foaming formula enable wearers to have a firm wet grip when handling objects
- Distinctive black colour hides stains and provides a contrasting backdrop for identifying lighter coloured material
- AQL 1.5

Remark: fit for special purpose

IDEAL APPLICATIONS

- Light assembly of oil-coated pieces
- Mechanical jobs
- Food processing
- Laboratory analysis and testing
- Light duty maintenance and clean-up

Microflex® 93-853 — NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Beaded
Size	XS, S, M, L, XL
Length (mm)	295
Thickness (mm)	0.14
Packaging	50 gloves per dispenser; 10 dispensers per carton **Size 11.5-12:** 40 gloves per dispenser

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B KPT | EN 374:2003 | EN ISO 374:2016 VIRUS

EXTRA FEATURES

Anti-static | Splash

Durable extra protection for high-risk chemicals and drugs

DESCRIPTION

- Increased strength and durability for maximum protection
- Exceptional barrier integrity with 0.65 AQL
- Approved for use with chemotherapy drugs
- Extended cuff provides additional protection for the wrist and forearm in hazardous environments

IDEAL APPLICATIONS

- Lab analysis and testing
- Maintaining equipment and instruments
- Preparing pharmaceutical products
- Protection from blood and other bodily fluids

Microflex® 93-856 — NITRILE

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Beaded
Size	S, M, L, XL, XXL
Length (mm)	270
Thickness (mm)	0.13
Packaging	100 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B JKT | EN 374:2003 | EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static | Splash

High-visibility nitrile glove – protection that you can see

DESCRIPTION

- Bright orange colour allows hands to be visible in low light situations and at greater distance
- Approved for use with chemotherapy drugs
- Works exceptionnally well in oily environments
- AQL 1.5

IDEAL APPLICATIONS

- Exploration, drilling and blasting
- Laboratory analysis and testing
- Maintenance and equipment clean-up
- Assembly and inspection
- Protection from blood and other bodily fluids

Fresh Touch Clear™ 840/850/Blue 851 — VINYL

Coating material	Vinyl
Grip design	Smooth
Cuff style	Beaded
Size	S, M, L
Length (mm)	240
Thickness (mm)	0.12
Packaging	**840:** 50 pieces in a box, 20 boxes in a carton **850/851:** 100 pieces in a box, 10 boxes in a carton

INDUSTRIES

EXTRA FEATURES

Splash

PERFORMANCE RATINGS

EN 374:2003 EN 374:2003

Disposable vinyl gloves, ideal for acidic, aqueous and alcoholic food contact

DESCRIPTION

- Fresh Touch Clear and Fresh Touch Blue gloves are powder free disposable vinyl gloves designed for optimal wearer comfort and durability
- The premium quality, powder-free vinyl construction makes Fresh Touch a clean wearing glove which delivers superior dexterity and touch
- FoodSafe Clear gloves for cooked foods to reduce the risk of cross food contamination; and Ansell recommends using FoodSafe Blue gloves when handling raw foods

IDEAL APPLICATIONS

- Food preparation
- Catering

FoodSafe™ Clear 870/871/ Blue 874 — VINYL

Coating material	Vinyl
Grip design	Smooth
Cuff style	Beaded
Size	**870/874:** S, M, L, XL **871:** S, M, L
Length (mm)	240
Thickness (mm)	0.11
Packaging	**870/874:** 100 pieces in a box, 10 boxes in a carton **871:** 200 pieces in a box, 10 boxes in a carton

INDUSTRIES

EXTRA FEATURES

Splash

PERFORMANCE RATINGS

EN 374:2003 EN 374:2003

Disposable vinyl gloves, ideal for large-scale food operations

DESCRIPTION

- Food Safe™ Clear are disposable vinyl gloves, ideal for large-scale food operations, such as catering and food handling
- Economically priced, Food Safe™ gloves are perfect for high volume situations which require frequent glove changes
- Lightly powdered for easy donning and doffing.
- FoodSafe Clear gloves for cooked foods to reduce the risk of cross food contamination; and Ansell recommends using FoodSafe Blue gloves when handling raw foods

IDEAL APPLICATIONS

- Catering
- Bakeries
- High-volume canteens

Microflex® 63-854

NATURAL RUBBER LATEX

Coating material	Natural rubber latex
Grip design	Textured fingertips
Cuff style	Beaded
Size	XS, S, M, L
Length (mm)	245
Thickness (mm)	0.13
Packaging	100 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 EN 374:2003

Exceptional fit and feel for extended wear

DESCRIPTION

- Featuring excellent tactile sensitivity, trust the Microflex® 63-854 for precise handling of sensitive or delicate items, such as laboratory instruments
- Fully textured fingertips provide consistent and secure grip in messy work environments – perfect for either wet or dry applications
- Superior elasticity means gloves move with you for greater comfort while you work. Designed to be easy to slip on and remove – to help improve productivity
- Exceeds standards for tensile strength, elasticity/ elongation and other quality standards for average latex gloves. Consistent performance provides reliable protection across varied industries
- AQL 1.5 (EN374)

IDEAL APPLICATIONS

- Analytical testing/ measurements
- Assembly and inspection
- Biotechnologies
- Handling small parts
- Laboratory analysis
- Laboratory testing
- Light duty maintenance and clean up
- Maintaining equipment & instruments
- Pharmaceutical manufacturing
- Protection from blood and other bodily fluids

Microflex® 63-893

NATURAL RUBBER LATEX

Coating material	Natural rubber latex
Grip design	Textured fingertips
Cuff style	Beaded
Size	S, M, L, XL
Length (mm)	295
Thickness (mm)	0.28
Packaging	50 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 EN ISO 374-1:2016 Type B JKT EN 374:2003 EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Anti-static Splash

Thicker design for enhanced protection

DESCRIPTION

- The thickest Microflex® latex glove in the palm and finger areas, for additional protection when safety cannot be compromised. Provides a secure barrier against harmful chemicals
- In wet or dry conditions, textured fingers ensure a consistent, reliable grip throughout the work day
- Extended, beaded cuff offers enhanced protection when extra coverage is needed over the wrist and forearm
- Pinhole rates well below FDA standards for examination gloves
- AQL 1.5 (EN374)

IDEAL APPLICATIONS

- Analytical testing/ measurements
- Assembly and inspection
- Filtration processes
- Food processing and handling
- General maintenance
- Light duty maintenance and clean up
- Light assembly of oil-coated pieces
- Maintaining equipment & instruments
- Paint and spray shops

TouchNTuff® 69-210

NATURAL RUBBER LATEX

Coating material	Natural rubber latex
Grip design	Smooth finish
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	240
Thickness (mm)	0.10
Packaging	100 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B KPT | EN 374:2003 | EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Splash | Silicone-free

Lightly powdered latex glove delivering high degree of sensitivity

DESCRIPTION

- Lightly powdered glove helps absorb moisture for easy donning and doffing
- Textured fingertips for secure grip
- AQL 1.5

Remark: fit for special purpose

IDEAL APPLICATIONS

- Maintenance
- Laboratory analysis
- Food processing

TouchNTuff® 69-318

NATURAL RUBBER LATEX

Coating material	Natural rubber latex
Grip design	Textured finish
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	240
Thickness (mm)	0.12
Packaging	100 gloves per dispenser; 10 dispensers per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B KPT | EN 374:2003 | EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Splash | Silicone-free

Lightweight latex glove for increased tactility when handling intricate objects

DESCRIPTION

- Ideal for intricate handling of objects
- Our lightest powder-free latex glove
- AQL 1.5

Remark: fit for special purpose

IDEAL APPLICATIONS

- Maintenance
- Laboratory analysis
- Food processing

AccuTech® 91-225

NATURAL RUBBER LATEX

Coating material	Natural rubber latex
Grip design	Textured fingertips
Cuff style	Straight
Size	6, 6.5, 7, 7.5, 8, 8.5, 9
Length (mm)	300
Thickness (mm)	0.22
Packaging	One pair per poly wallet, sealed in a poly envelope; 10 pairs per outer polybag; 5 sealed outer polybags per master polybag; 4 sealed master polybags per carton; 200 pairs per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B LPT | EN 374:2003 | EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Sterile | Splash

Hand-specific latex glove manufactured on ergonomically designed formers for improved dexterity

DESCRIPTION

- Suitable for aseptic environment and Class 100 (ISO 5)/Grade A cleanroom
- Specific latex formulation for increased flexibility and elasticity
- Textured fingertips with the bisque finish for greater sensitivity, increased handling precision and dexterity
- Low protein content reducing the risk of allergy
- AQL 1.0

IDEAL APPLICATIONS

- Laboratory analysis
- Blending operations
- Blistering operations
- Vaccine, injectable and sterile operations

NeoTouch® 25-101/25-201

NEOPRENE

Coating material	Neoprene
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	S, M, L, XL
Length (mm)	**25-101:** 240 **25-201:** 290
Thickness (mm)	0.13
Packaging	100 gloves per dispenser; 10 dispensers per carton

NeoTouch® 25-101

NeoTouch® 25-201

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 | EN ISO 374-1:2016 Type B KPT | EN 374:2003 | EN ISO 374-5:2016 VIRUS | EN 421

EXTRA FEATURES

Splash

A unique combination of allergy prevention and comfort

DESCRIPTION

- Polyurethane inner coating for easy donning
- Excellent splash resistance to most acids and alcohols
- Textured fingertips to reduce the force required to grip dry, wet or oily objects
- 25-201: long cuff protecting the wrist and the forearm
- AQL 1.5

Remark on 25-101: fit for special purpose

IDEAL APPLICATIONS

- Sampling taking and processing
- Testing
- Transferring liquids and solids

TouchNTuff® 73-500 — NEOPRENE

Coating material	Neoprene
Grip design	Smooth finish
Cuff style	Rolled beaded
Size	6, 6.5, 7, 7.5, 8, 8.5, 9
Length (mm)	305
Thickness (mm)	0.13
Packaging	One pair per poly wallet, sealed in a poly envelope; 10 pairs per outer polybag; 5 sealed outer polybags per master polybag; 4 sealed master polybags per carton; 200 pairs per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 — EN ISO 374-1:2016 Type B KLT — EN 374:2003 — EN ISO 374-5:2016 VIRUS

EXTRA FEATURES

Sterile — Splash

TECHNOLOGIES

ERGOFORM™ Ergonomic Design Technology

Increased comfort and reliable protection in double donning applications

DESCRIPTION

- Suitable for aseptic environment and class 100 (ISO 5)/Grade A cleanrooms
- Approved for use with chemotherapy drugs
- Thin ergonomic design for superior tactile sensitivity and reduction of hand fatigue
- Ideal for double donning
- Not made with natural rubber latex or accelerators to reduce the risk of Type I or IV allergies
- AQL 1.0

IDEAL APPLICATIONS

- Administering drugs
- Cleanroom cleaning and preparing
- Sample taking and processing
- Vaccines injectables operations
- Transferring liquids and solids

TouchNTuff® DermaShield® 73-701 — NEOPRENE

Coating material	Neoprene
Grip design	Textured fingertips
Cuff style	Straight
Size	6, 6.5, 7, 7.5, 8, 8.5, 9
Length (mm)	310
Thickness (mm)	0.19
Packaging	One pair per poly-wallet, sealed in a poly-envelope; 10 pairs per outer polybag; 5 sealed outer polybags per master polybag; 4 sealed master polybags per carton; 200 pairs per carton

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 — EN ISO 374-1:2016 Type A KLMNPT — EN 374:2003 — EN ISO 374-5:2016 VIRUS

TECHNOLOGIES

SUREFIT TECHNOLOGY

EXTRA FEATURES

Sterile — Splash

The most advanced glove solution in allergy prevention

DESCRIPTION

- Suitable for aseptic environment and class 100 (ISO 5)/Grade A cleanrooms
- Increased chemical splash protection against a broad spectrum of chemicals without compromising comfort and flexibility
- Approved for use with chemotherapy drugs
- Featuring SureFit™ Technology, which eliminates cuff roll-down and prevents chemicals from entering the glove
- Not made with natural rubber latex or accelerators to reduce the risk of Type I or IV allergies
- AQL 1.0

IDEAL APPLICATIONS

- Aseptic drug manufacturing
- Administering drugs
- Handling of cytostatics
- BlendAing, compounding solids and liquids
- Sample taking and processing

DermaShield® 73-711 — NEOPRENE

Coating material	Neoprene
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	6.5, 7, 7.5, 8, 8.5, 9
Length (mm)	310
Thickness (mm)	0.18
Packaging	One pair per poly wallet, sealed in a poly envelope; 10 pairs per outer polybag; 5 sealed outer polybags per master polybag; 4 sealed master polybags per carton; 200 pairs per carton

Hand-specific accelerator-free neoprene glove suited for critical environments

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 — EN ISO 374-1:2016 Type A (KLMNPT) — EN 374:2003 — EN ISO 374-5:2016 (VIRUS)

EXTRA FEATURES

Sterile — Splash

TECHNOLOGIES

SureFit Technology

DESCRIPTION

- Suitable for aseptic environment and class 100 (ISO 5)/Grade A cleanrooms
- Featuring SureFit™ Technology, which eliminates cuff rolldown and prevents chemicals from entering the glove
- Not made with natural rubber latex or accelerators to reduce the risk of Type I or IV allergies
- AQL 0.65

IDEAL APPLICATIONS

- Cleanroom cleaning and preparing
- Samples taking and processing
- Transferring liquids

TouchNTuff® 83-500 — POLYISOPRENE

Coating material	Polyisoprene
Grip design	Smooth finish
Cuff style	Rolled beaded
Size	6, 6.5, 7, 7.5, 8, 8.5, 9
Length (mm)	305
Thickness (mm)	0.21
Packaging	One pair per poly wallet, sealed in a poly envelope; 10 pairs per outer polybag; 5 sealed outer polybags per master polybag; 4 sealed master polybags per carton; 200 pairs per carton

Second-skin feel and secure grip in clean and sterile applications

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 374:2003 — EN ISO 374-1:2016 Type B (KPT) — EN 374:2003 — EN ISO 374-5:2016 (VIRUS)

TECHNOLOGIES

SureFit Technology

EXTRA FEATURES

Sterile — Splash

DESCRIPTION

- Ultra-soft polyisoprene glove manufactured on ergonomic former providing second-skin feel, high tactility and greater comfort
- Class 100 (ISO 5)/Grade A cleanroom-suitable
- Anti-slip finish provides superior grip when handling wet items and helps prevent slippage
- Design and thickness allow for easy and comfortable double-gloving
- Featuring SureFit™ Technology, which eliminates cuff roll down and prevents chemicals from entering the glove
- AQL 1.0

IDEAL APPLICATIONS

- Administering drugs
- Cleanroom cleaning and preparing
- Sample taking and processing
- Vaccines injectables operations
- Transferring liquids and solids

BODY PROTECTION

LIQUID SPRAY AND SPLASH PROTECTION
PARTICULATE OR LOW HAZARD LIQUID PROTECTION
CHEMICAL FLAME RETARDANT PROTECTION

GUIDE TO EUROPEAN STANDARDS FOR CHEMICAL PROTECTIVE CLOTHING

To assist you with the selection of appropriate protection solutions based on the exposure risk, the EU developed six types of chemical protective clothing (CPC).

Certification of a particular type offers an indication of your suit's protection against a particular hazard (gas, liquid or dust). As a manufacturer, it is our responsibility to ensure that Ansell meets the requirements of these standards, where applicable. Please be aware that conformance to these type standards does not mean that your suit is 100% impervious to your hazard. Under these tests, suits are only required to meet the minimum performance requirements specified. In the case of the Type 5 particulate test, for example, suits are allowed individual leakages of up to 30%, providing the average for the suits tested is less than 15%. Ansell manufactures products according to ISO 9001, thus ensuring as far as is reasonably possible they consistently achieve the desired protection level.

Current European types of chemical protective clothing		
Symbol*	**EN "types"**	**Definition**
TYPE 1	**EN 943-1 and 2** Type 1	**Gas-tight chemical protective clothing** Protective clothing against liquid and gaseous chemicals, aerosols and solid particulates
TYPE 1a	Type 1a	› **Gas-tight, self-contained breathing apparatus inside the suit**
TYPE 1a-ET	Type 1a-ET	› **Type 1a for emergency teams**
TYPE 1b	Type 1b	› **Gas-tight, self-contained breathing apparatus outside the suit**
TYPE 1b-ET	Type 1b-ET	› **Type 1b for emergency teams**
TYPE 1c	Type 1c	› **Gas-tight, with breathable air supplied via continuous flow airline respirator**
TYPE 2	**EN 943-1** Type 2	**Non-gas-tight chemical protective clothing** Suits which retain positive pressure to prevent ingress of dusts, liquids and vapours **Note:** As of edition 2015 of EN 943-1, Type 2 is no longer specified.
TYPE 3	**EN 14605** Type 3	**Liquid-tight suits** Suits which can protect against strong and directional jets of liquid chemicals
TYPE 4	**EN 14605** Type 4	**Spray-tight suits** Suits which offer protection against saturation of liquid chemicals
TYPE 5	**EN ISO 13982-1** Type 5	**Dry-particulate protection** Suits which provide protection to the full body against airborne solid particulates
TYPE 6	**EN 13034** Type 6	**Reduced-spray suits** Suits which offer limited protection against a light spray of liquid chemicals
Additional standards		
Symbol*	**EN "types"**	**Definition**
EN 1073	**EN 1073-1****	Ventilated protective clothing against radioactive particulate contamination
	EN 1073-2**	Non-ventilated protective clothing against radioactive particulate contamination
EN 14126	**EN 14126**	Protective clothing against infective agents (Type suffixed with "-B" – i.e. Type 3-B) indicates approval to this European norm
EN 1149-5	**EN 1149-5**	Protective clothing with electrostatic properties***
EN ISO 27065	**EN ISO 27065**	Protective clothing – protective suits for operators applying liquid pesticides
DIN 32781	**DIN 32781**	Protective clothing – protective suits against pesticides
EN ISO 14116 INDEX 1/3/3	**EN ISO 14116**	Protective clothing – limited flame spread materials, material assemblies and clothing
EN 12941	**EN 12941**	Respiratory protective devices – powered filtering devices incorporating a helmet or a hood
EN 14594	**EN 14594**	Respiratory protective devices – continuous flow compressed airline breathing apparatus

Disclaimer: Ansell garments are available for most applications. However, please note that a detailed assessment of the nature of the hazard and the working environment should be undertaken prior to the selection of appropriate PPE. Ansell provides the information in this product catalogue to assist you with selecting the correct product, but responsibility for the correct choice of PPE remains with the user.

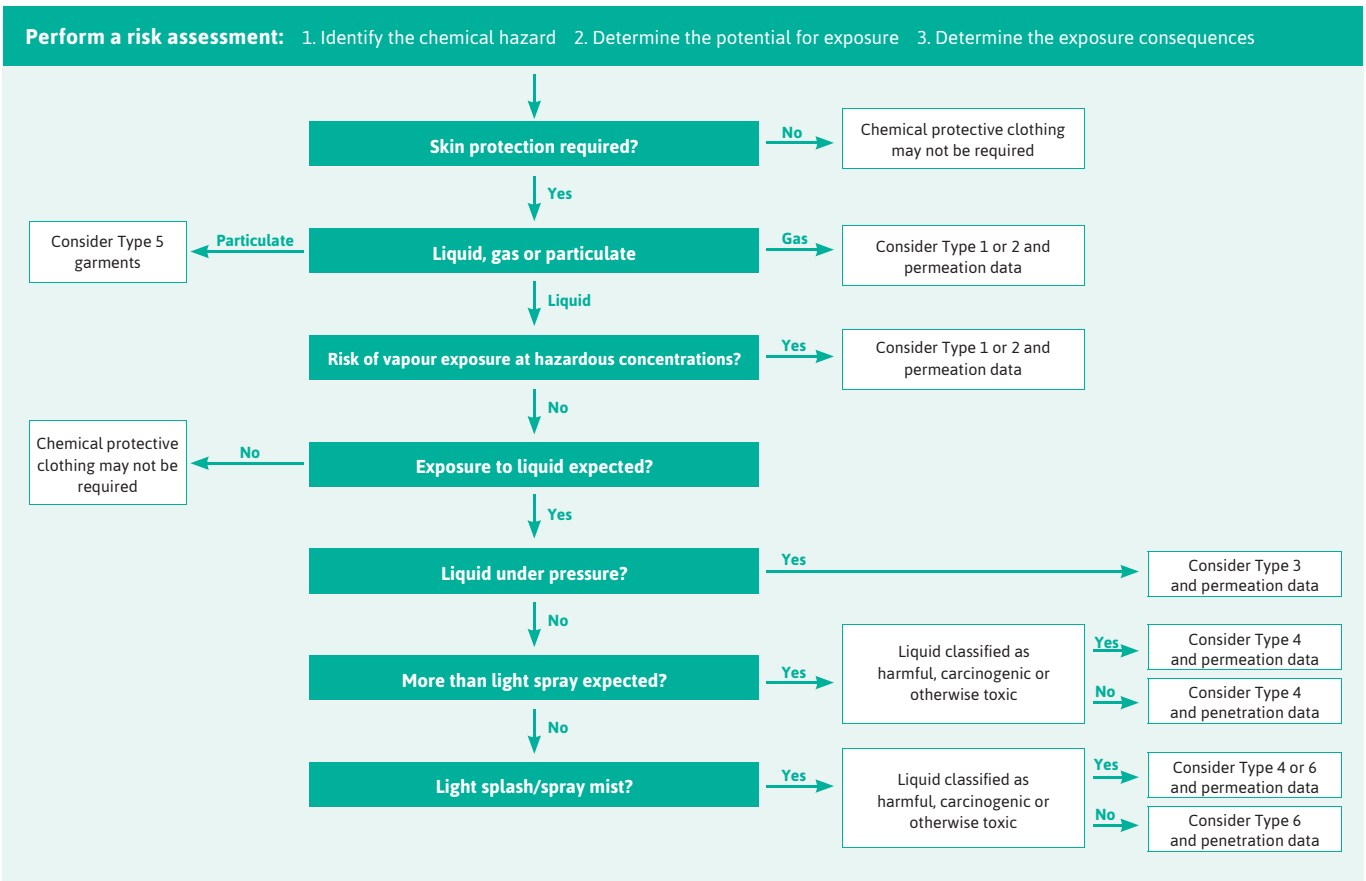
* Type approvals do not necessarily apply to accessories. Always refer to the garment label and instructions-for-use document which will indicate the protection level offered.

** Gives no protection against ionising radiation. *** Always ensure the garment and wearer are properly grounded.

SELECTING THE CORRECT CHEMICAL PROTECTIVE CLOTHING

Ansell has devised this simple flowchart as a basic tool to assist users and health and safety managers in selecting the correct type of chemical protective clothing.

It is important that the suitability of protective clothing for a particular use is determined by a trained expert in occupational health and safety. Many chemicals can cause serious and permanent injury to an unprotected or improperly protected user. Therefore, special emphasis has to be placed on the careful selection of chemical protective clothing when the potential for exposure to such chemicals has been identified.



Factors to consider

Advice on the suitability of chemical protective clothing for a task is very often based on reported permeation breakthrough times. The standard test methods used for measuring the breakthrough time (i.e. EN 374-3, ISO 6529, ASTM F 739) are often regarded as representing the "worst-case scenario", since the chemical is held in direct contact with the barrier material. Intermittent contact or splashes of the chemical, in real life, may in fact lengthen the breakthrough time. Also, laboratory-generated chemical permeation data may not always reflect conditions in the workplace. Temperature, pressure, flexing etc. could all potentially have an impact on the breakthrough time. When choosing chemical protective clothing, consideration has to be given to permeation and penetration, and the physical performance attributes of the product (abrasion, tear, tensile, strength etc.). Other physical properties to consider are the strength of seams and closures (i.e. zips) as well as flexibility, weight and comfort factors (i.e. thermal insulation, breathability etc.). The best chemically resistant material will be ineffective if torn, cut, punctured or otherwise damaged.

Important note: This guide is simplified and as such the suitability of chemical protective clothing for a particular use should only be determined by a trained expert in occupational health and safety. It is the responsibility of the user to assess the types of hazards and the risks associated with exposure and to verify the information provided for the product to make a final decision on the appropriate personal protective equipment needed for their specific circumstance.

FINDING THE RIGHT CHEMICAL BODY PROTECTION SOLUTION

By following our step-by-step guideline, you can easily identify the right suit for your chemical task.

1. Identify the "primary" exposure hazard(s)

Chemical(s)	Particulate contamination	Biological/infective agents
• Gas/vapour • Liquids • Solids • Pure or mixtures	• Airborne • Radioactive particulates	• Blood-borne • Airborne/solid

2. Determine the potential for exposure and consequence

and then identify the type or types to be considered.

"Type"	Type 1/2	Type 3	Type 4	Type 5	Type 6
Exposure level	Gas/vapour	Liquid spray under pressure (jet spray)	Liquid spray (shower/saturation)	Airborne particulates	Light spray/mist

3. Consider the 'secondary' hazard(s)

Heat and flame	Static discharge	Low visibility	Physical demands	Comfort

4. Review technical data

Review product technical data in relation to physical, barrier and comfort properties – match to assessment outcomes from stages 1–3.

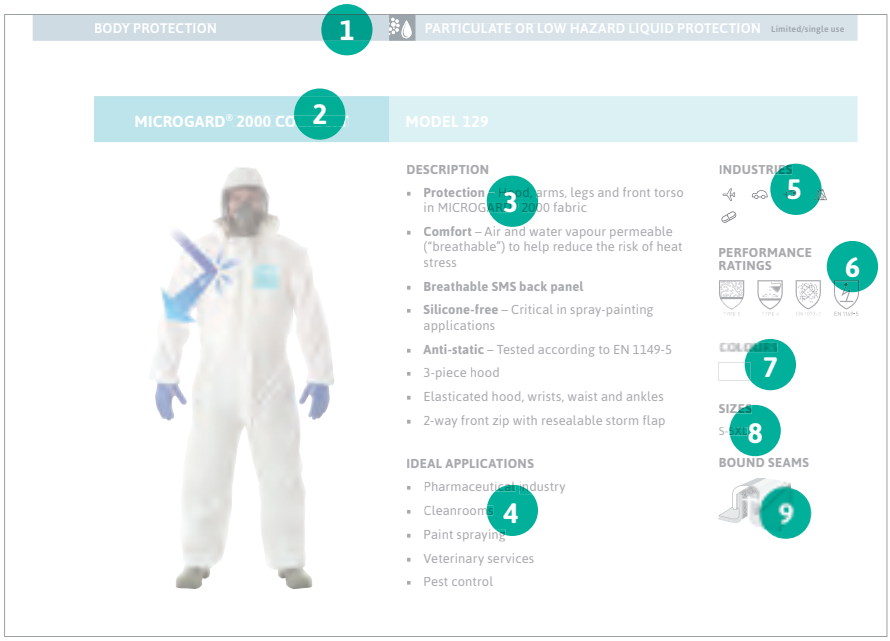
5. Make your product selection

Identify the correct protection segment and category to find the right protection solutions matched to your safety needs and work environment.

Protection type	Protection category	Protection segment
BODY PROTECTION	**Gas and vapour protection** A range of Type 1 and Type 1-ET gas-tight chemical protective suits for hazmat emergency response providing protection from dangerous and toxic liquid and gaseous chemicals.	Limited/single use Re-usable
	Ventilated/air-fed protection Our PAPR, AIRline and AVANT AIRline suit range combines respiratory protection with our exceptional chemical barrier technologies.	Limited/single use Re-usable
	Liquid spray and splash protection An extensive range of Type 3, Type 4 and Type 5 protective suits and partial body accessories utilising our exceptional chemical barrier technologies to provide protection against a wide range of organic and inorganic liquid chemicals, particulates and biohazards.	Limited/single use Re-usable
	Particulate or low hazard liquid protection A broad range of lightweight, breathable Type 5 and Type 6 protective suits and partial body accessories providing protection from dry particulates, low-concentration liquid chemicals and biological agents.	Limited/single use
	Chemical flame retardant protection Always to be worn over a thermal FR protective garment, our range of chemical protective suits provides EN ISO 14116 Index 1 limited flame spread protection along with liquid chemicals and particulates.	Limited/single use

DETERMINE WHICH SOLUTION BEST MEETS YOUR REQUIREMENTS

We have designed this catalogue to make it easy for you to find the right PPE solution. One that perfectly matches the application for which it is needed. This product index page explains how to use the information provided to select the appropriate body protection.



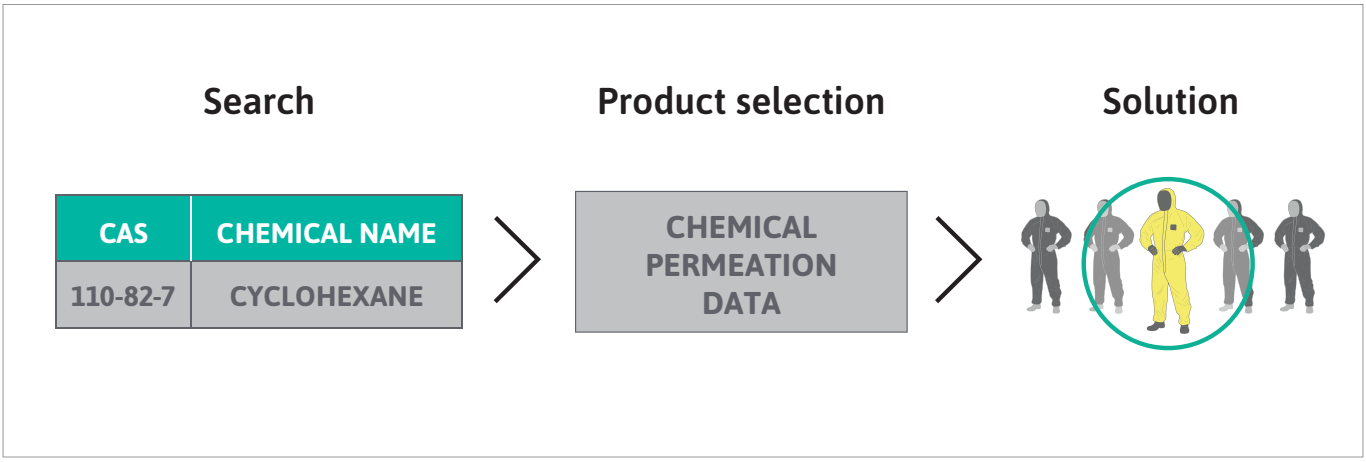
What to look for

1. Protection segment and category
2. Product name and model
3. Detailed product description
4. Ideal applications
5. Industries where the product is recommended
6. Performance ratings
7. Colour options
8. Sizes available
9. Seam technology

NEW DIGITAL SOLUTION - CHEMICAL PERMEATION DATABASE FOR CLOTHING

Powerful NEW digital tool allows easy access to chemical permeation data for hazardous substances, including ASTM, EN and ISO standardised lists of challenge chemicals.

Our new digital solution is designed to simplify the selection of Ansell body protection solutions. This tool offers an instant visual evaluation and an easy-to-use search functionality including the unique Chemical Abstracts Service (CAS) number system. For specific chemical protection challenges, an expert assessment is also available to provide a simplified set of choices, drawn from our broad portfolio of chemical protection solutions.



For up-to-the-minute chemical permeation data, please visit: **www.ansell.com/permeation**

BODY PROTECTION SOLUTIONS

Brand	Style	Model/type	Page
LIQUID SPRAY AND SPLASH PROTECTION			
Limited/single use			
AlphaTec®	Glove Connector	070	111
MICROGARD®	2300 PLUS	132	111
MICROCHEM®	3000	103, 111, 121, 122, 162	113
MICROCHEM®	3000	201, 213, 214, 301, 400, 406, 507, 508, 600	114
MICROCHEM®	4000	103, 111, 121, 122, 125, 162	116
MICROCHEM®	4000 APOLLO	126	117
MICROCHEM®	4000	151 - G00 & G02	117
MICROCHEM®	4000	212, 215, 230, 301, 406, 507, 516, 600	118
MICROCHEM®	5000	103, 111, 121 - G02, 122, 125-G02	120
MICROCHEM®	5000 APOLLO	186	121
MICROCHEM®	5000	151 - G00 & G02	121
Bouffants	861X	Bouffant	122
Fresh Touch™	54-299	Apron	122
Ansell®	56-101	PVC-45W	123
Ansell®	56-301	Apron	123
Ansell®	56-402	Apron	123
Ansell®	56-802	Apron	124
Ansell®	59-002	Sleeves	124
Ansell®	59-201	Sleeves	124
PARTICULATE OR LOW HAZARD LIQUID PROTECTION			
Limited/single use			
MICROGARD®	1500	138, 113	126
MICROGARD®	1500 PLUS	111	127
MICROGARD®	1600 PLUS	111	128
MICROGARD®	1800	111	129
MICROGARD®	1800 STANDARD	111	130
MICROGARD®	1800 Ts PLUS	103, 111, 122, 156	130
MICROGARD®	1800 COMFORT	195	131
MICROGARD®	2000 STANDARD	103, 111, 113, 122, 156, 162	133
MICROGARD®	2000 COMFORT	129	134
MICROGARD®	2000 Ts PLUS	103, 111, 122, 128, 156	135
MICROGARD®	2000	209, 219, 401, 213, 214, 301, 400, 406, 407, 503, 507, 600	136
MICROGARD®	2300 STANDARD	103, 111, 122, 156	138
MICROGARD®	2500 STANDARD	111, 122	140
MICROGARD®	2500	203, 213, 400, 406, 407, 409, 503, 507, 600	141
CHEMICAL FLAME RETARDANT PROTECTION			
Limited/single use			
MICROGARD®	1500 PLUS FR	111	143
MICROGARD®	FR	111	143
MICROCHEM®	CFR	111	144

LIQUID SPRAY AND SPLASH PROTECTION

LIMITED/SINGLE USE SOLUTIONS
RE-USABLE SOLUTIONS

AlphaTec® Glove Connector

MODEL 070

DESCRIPTION

- Innovative design utilising the latest polymer technology
- Creates a liquid-tight seal between glove and cuff
- Consistent and reliable alternative to taping
- Quick and easy fit – improves productivity
- Works with a wide variety of chemical glove thicknesses
- Ribbed cone and collar for secure attachment
- AlphaTec® – advanced chemical protection
- Tested in accordance with ISO 17491-3:2008 – determination of resistance to penetration by a jet of liquid (jet test)

(patent pending)

IDEAL APPLICATIONS

- Caustic clean-downs
- Chemical handling/transportation
- Industrial tank cleaning
- Paint spraying
- Sewage purification inspections
- Solvent degreasing and parts cleaning

INDUSTRIES

MICROGARD® 2300 PLUS

MODEL 132

DESCRIPTION

- **Protection** – Polycoated bi-component barrier resists permeation of numerous liquid chemicals
- **Highly visible** – Bright yellow colour for improved worker safety
- **Comfort** – Lightweight yet relatively strong and durable
- **Anti-static** – Tested according to EN 1149-5
- **Designed to protect** – Typical coverall features include respirator fit hood and a zip flap with self-adhesive tape closure
- 3-piece hood
- Elasticated hood, wrists, waist and ankles
- 2-way front zip with resealable storm flap
- Finger loops

IDEAL APPLICATIONS

- Environmental cleanup
- Sewage purification installations
- Industrial and chemical manufacturing
- Industrial cleaning

INDUSTRIES

PERFORMANCE RATINGS

TYPE 3-B | TYPE 4-B | TYPE 5-B | EN 1073-2

EN 1149-5 | EN 14126

COLOURS

SIZES

S-5XL

STITCHED & TAPED SEAMS

MICROCHEM® 3000

MICROCHEM® 3000 is one of the lightest and most comfortable chemical protective materials on the market today. This durable multi-layer fabric provides an extremely effective barrier against both inorganic chemicals and biological hazards.

DESCRIPTION

- **Protection** – Multi-layer barrier fabric effective against numerous chemicals
- **Highly visible** – Bright yellow colour for improved worker safety
- **Comfort** – Lightweight yet durable
- **Anti-static** – Tested according to EN 1149-5
- **Designed to protect** – Typical coverall features include dual zip systems and double cuffs

IDEAL APPLICATIONS

- Chemicals
- Oil and petrochemicals
- Pharmaceutical
- Food industry (caustic clean-downs)
- Sewage purification installations
- Industrial and tank cleaning
- Mining

INDUSTRIES

PERFORMANCE RATINGS

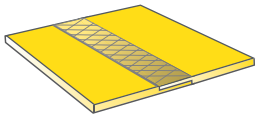
TYPE 3-B | TYPE 4-B | TYPE 5-B | EN 1073-2 | EN 1149-5 | EN 14126

TECHNOLOGIES

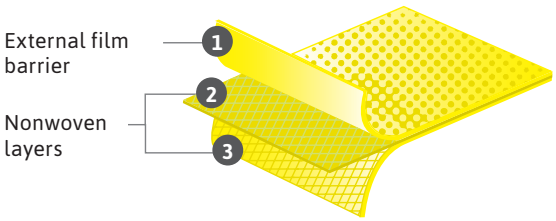
MICROCHEM™ Chemical Barrier Technology

COLOURS

ULTRASONICALLY WELDED SEAMS



MATERIALS



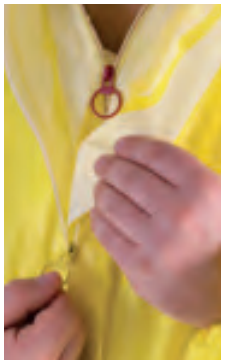
FEATURES

Double zip system

Double cuff design

MICROCHEM® 3000 — COVERALL MODELS

MODEL 103



SIZES

S-5XL

COLOURS

- Collar
- Double zip closure
- Double cuffs
- Elasticated waist, double cuffs and ankles

MODEL 111

SIZES

S-5XL

COLOURS

- 2-piece hood
- Double zip closure
- Double cuffs
- Elasticated hood, waist, double cuffs and ankles

MODEL 121

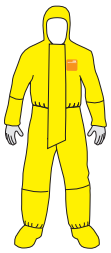
SIZES

S-5XL

COLOURS

- 2-piece hood
- Double zip closure
- Elasticated hood, waist, ankles and sleeve over cuffs
- Attached Ansell Barrier® gloves

MODEL 122



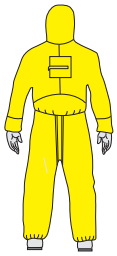
SIZES

S-5XL

COLOURS

- 2-piece hood
- Double zip closure
- Elasticated hood, double cuffs and waist
- Integrated socks with boot overflap

MODEL 162



SIZES

S-5XL

COLOURS

- Pass-thru device for use with fall arrest equipment
- 2-piece hood
- Double zip closure
- Double cuffs
- Elasticated hood, waist, double cuffs and ankles
- Ultrasonically welded and taped seams

MODEL 201 — JACKET

- 2-piece hood
- Single zip closure
- Elasticated hood, wrists and hem
- Welded seams

PARTIAL BODY PROTECTION ONLY · TYPE PB(3)-B · TYPE PB(4)-B · EN 14126

SIZES: S-3XL **COLOURS**

MODEL 301 — TROUSERS

- Elastication to waist and ankles
- No pockets
- Welded seams

PARTIAL BODY PROTECTION ONLY · TYPE PB(3)-B · TYPE PB(4)-B · EN 14126

SIZES: S-3XL **COLOURS**

MODEL 507 — CAPE HOOD

- Balaclava-style cape hood covering part of shoulders
- Velcro fastening to front
- Welded seams
- Category I

SIZES: One size **COLOURS**

MODEL 213 — APRON

- Tie fastening to waist
- 100 cm long tie fastening

PARTIAL BODY PROTECTION ONLY · TYPE PB(3)-B · TYPE PB(4)-B · EN 14126

SIZES: One size **COLOURS**

MODEL 400 — OVERSHOES

- Elasticated opening
- Welded seams
- Category I

SIZES: One size (fits size 42-46) **COLOURS**

MODEL 508 — CAPE HOOD WITH VISOR

- Balaclava-style cape hood covering part of shoulders
- Welded seams
- Visor to face opening
- Category I

SIZES: One size **COLOURS**

MODEL 214 — APRON WITH SLEEVES

- Rear VELCRO® fastening
- Elasticated wrists
- Welded seams

PARTIAL BODY PROTECTION ONLY · TYPE PB(3)-B · TYPE PB(4)-B · EN 14126

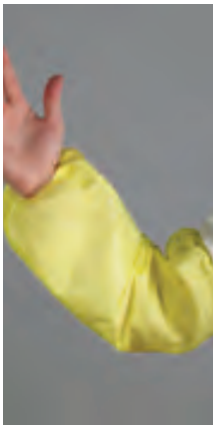
SIZES: S-3XL **COLOURS**

MODEL 406 — OVERBOOTS

- Elastic to top of boot
- Tie fastening
- Welded seams
- Category I

SIZES: One size (fits size 42-46) **COLOURS**

MODEL 600 — OVERSLEEVES



- Elasticated at both ends
- Welded seams
- Category I

SIZES: One size **COLOURS**

MICROCHEM® 4000

MICROCHEM® 4000 is designed to provide an exceptional barrier against many concentrated organic and inorganic chemicals as well as biological agents.

DESCRIPTION

- **Protection** – Permeation tested against over 190 chemicals, including chemical warfare agents
- **Comfort** – Textile-like inner improves wearer acceptance
- **Anti-static** – Tested according to EN 1149-5
- **Designed to protect** – Typical coverall features include dual zip systems and double cuffs

IDEAL APPLICATIONS

- Chemical handling/transportation
- Oil-based mud protection
- Hazardous waste remediation
- Sewage purification installations
- Industrial/tank cleaning
- Hazmat emergency response (i.e. Level B)
- Pharmaceutical
- Mining
- Agriculture

INDUSTRIES

PERFORMANCE RATINGS

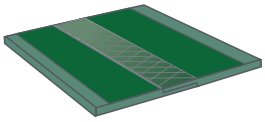
TYPE 3-B | TYPE 4-B | TYPE 5-B | EN 1073-2 | EN 1149-5 | EN 14126

TECHNOLOGIES

MICROCHEM™ Chemical Barrier Technology

COLOURS

ULTRASONICALLY WELDED & TAPED SEAMS

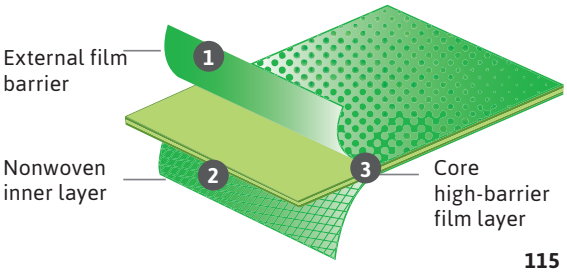


FEATURES

2-piece hood

Double zip system

MATERIALS



MICROCHEM® 4000 — COVERALL MODELS

MODEL 103

SIZES
S-5XL

COLOURS

- Collar
- Double zip closure
- Double cuffs with knitted inner cuff
- Elasticated outer cuffs, waist and ankles

MODEL 111

SIZES
S-5XL

COLOURS

- 2-piece hood
- Double zip closure
- Double cuffs with knitted inner cuff
- Elasticated hood, outer cuffs, waist and ankles

MODEL 121

SIZES
S-5XL

COLOURS

- 2-piece hood
- Double cuffs
- Double zip closure
- Elasticated hood, waist and ankles
- Attached Ansell Barrier® gloves

MODEL 122

SIZES
S-5XL

COLOURS

- 2-piece hood
- Double zip closure
- Double cuffs with knitted inner cuff
- Elasticated hood, outer cuffs, waist and boot overflaps
- Integrated socks with boot overflaps

MODEL 125

SIZES
S-5XL

COLOURS

- 2-piece hood
- Double cuffs
- Double zip closure
- Elasticated hood, waist and boot overflaps
- Integrated socks with boot overflaps
- Attached Ansell Barrier® gloves

MODEL 162

SIZES
S-5XL

COLOURS

- Pass-thru device for use with fall arrest equipment
- 2-piece hood
- Double zip closure
- Double cuffs with knitted inner cuff
- Elasticated hood, outer cuffs, waist and ankles

MICROCHEM® 4000 APOLLO

MODEL 126

DESCRIPTION

- Rear entry double zip system
- Rear mounted BA (breathing apparatus) pouch – universal fit with most BA
- Attached socks with boot overflap
- Attached Ansell Barrier® gloves
- Exhalation valves
- Clear face visor
- Batwing design enables air gauge checking within the suit
- Adjustable internal support braces

IDEAL APPLICATIONS

- Chemicals
- Oil and petrochemicals
- Pharmaceutical
- Agriculture
- Sewage purification installations
- Industrial and tank cleaning
- Emergency services (HAZMAT, CBRN)

INDUSTRIES

PERFORMANCE RATINGS

TYPE 3-B | TYPE 4-B | EN 14126

TECHNOLOGIES

MICROCHEM™ Chemical Barrier Technology

COLOURS

SIZES

M-2XL

ULTRASONICALLY WELDED & TAPED SEAMS

MICROCHEM® 4000

MODEL 151 – G00 & G02

DESCRIPTION

- Neoprene rubber face seal
- Rear horizontal zip entry
- Attached socks with boot overflap
- Ultrasonically welded and taped seams
- Includes attached Ansell Barrier® gloves, with oversleeves and finger loops (151-G02)

IDEAL APPLICATIONS

- Chemicals
- Oil and petrochemicals
- Pharmaceutical
- Agriculture
- Sewage purification installations
- Industrial and tank cleaning
- Emergency services (HAZMAT, CBRN)

INDUSTRIES

PERFORMANCE RATINGS

TYPE 3-B | TYPE 4-B | TYPE 5-B

EN 1073-2 | EN 1149-5 | EN 14126

TECHNOLOGIES

MICROCHEM™ Chemical Barrier Technology

COLOURS

SIZES

S-5XL

ULTRASONICALLY WELDED & TAPED SEAMS

MODEL 212 APRON

- Tie fastening to waist
- 100 cm long tie fastening

P PARTIAL BODY PROTECTION ONLY | TYPE PB(3)-B | TYPE PB(4)-B | EN 14126

SIZES: One size

COLOURS

MODEL 406 OVERBOOTS

- Elastic to top of boot
- Tie fastening
- Welded seams
- Category I

SIZES: One size (fits size 42-46)

COLOURS

MODEL 215 APRON WITH SLEEVES

- VELCRO® fastening to neck
- Tie fastening at the waist
- Double cuff with knitted inner cuff
- Welded and taped seams

P PARTIAL BODY PROTECTION ONLY | TYPE PB(3)-B | TYPE PB(4)-B | EN 14126

SIZES: S-3XL

COLOURS

MODEL 507 CAPE HOOD

- Balaclava-style cape hood covering part of shoulders
- VELCRO® fastening to front
- Welded seams
- Category I

SIZES: One size

COLOURS

MODEL 230 JACKET

- 2-piece hood
- Double zip closure
- Elasticated hood, wrists and hem
- Welded and taped seams
- Double cuff with knitted inner cuff

P PARTIAL BODY PROTECTION ONLY | TYPE PB(3)-B | TYPE PB(4)-B | EN 14126

SIZES: S-3XL

COLOURS

MODEL 516 CAPE HOOD WITH VISOR

- Hood with visor and 3-inch VELCRO® body panel
- Welded and taped seams

P PARTIAL BODY PROTECTION ONLY | TYPE PB(3)-B | TYPE PB(4)-B | EN 14126

SIZES: One size

COLOURS

MODEL 301 TROUSERS

- Elastication to waist and ankles
- No pockets
- Welded and taped seams

P PARTIAL BODY PROTECTION ONLY | TYPE PB(3)-B | TYPE PB(4)-B | EN 14126

SIZES: S-2XL

COLOURS

MODEL 600 OVERSLEEVES

- Elasticated at both ends
- Welded seams
- Category I

SIZES: One size

COLOURS

MICROCHEM® 5000

MICROCHEM® 5000 reaches new levels in chemical protection and has been engineered to protect. The highly visible multi-layer fabric is strong, durable and suitable for workers in extremely hazardous areas, including hazmat response teams.

DESCRIPTION

- **Performance** – Barrier to numerous organic and inorganic chemicals and biological hazards
- **Comfort** – Multi-layer material which is lightweight, yet strong and durable
- **Highly visible** – Bright orange colour for improved worker safety
- **Protection** – >480 minutes breakthrough time against 14 of 15 chemicals listed in EN ISO 6529
- **Anti-static** – Tested according to EN 1149-5
- **Designed to protect** – Innovative design features include liquid-tight dual zip designs without the need for additional taping

IDEAL APPLICATIONS

- Chemicals
- Oil and petrochemicals
- Pharmaceuticals
- Mining
- Agriculture
- First response
- Fire service
- Industrial and tank cleaning
- Sewage purification installations

INDUSTRIES

PERFORMANCE RATINGS

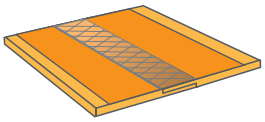
TYPE 3-B | TYPE 4-B | TYPE 5-B | EN 1073-2 | EN 1149-5 | EN 14126

TECHNOLOGIES

MICROCHEM™ Chemical Barrier Technology

COLOURS

ULTRASONICALLY WELDED & TAPED SEAMS

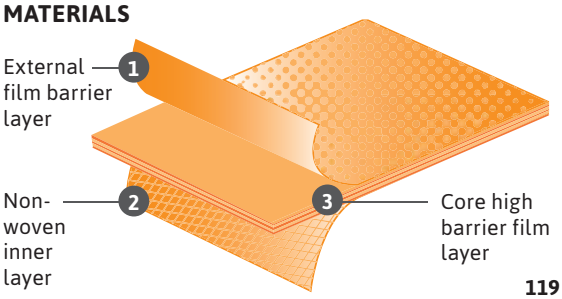


FEATURES

Double zip system

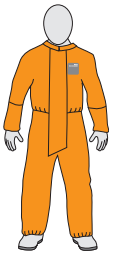
Double cuff design

MATERIALS



MICROCHEM® 5000 — COVERALL MODELS

MODEL 103



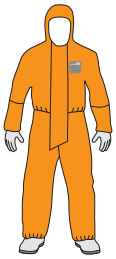
SIZES

S-5XL

COLOURS

- Collar
- Double zip closure
- Double cuffs with knitted inner cuff
- Elasticated outer cuffs, waist and ankles

MODEL 111



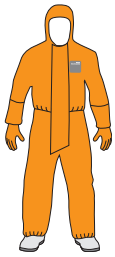
SIZES

S-5XL

COLOURS

- 2-piece hood
- Double zip closure
- Double cuffs with knitted inner cuff
- Elasticated hood, outer cuffs, waist and ankles

MODEL 121-G02



SIZES

S-5XL

COLOURS

- 2-piece hood
- Double cuffs
- Double zip closure
- Elasticated hood, waist and ankles
- Attached Ansell Barrier® gloves

MODEL 122

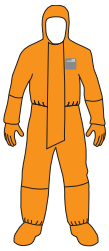
SIZES

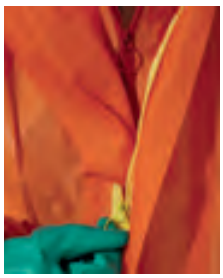
S-5XL

COLOURS

- 2-piece hood
- Double zip closure
- Double cuffs with knitted inner cuff
- Elasticated hood, outer cuffs, waist and boot overflaps
- Integrated socks with boot overflap

MODEL 125-G02





SIZES

S-5XL

COLOURS

- 2-piece hood
- Double cuffs
- Double zip closure
- Elasticated hood, waist and boot overflaps
- Integrated socks with boot overflaps
- Attached Ansell Barrier® gloves

MICROCHEM® 5000 APOLLO

MODEL 186

DESCRIPTION

- Side entry double zip flap
- Expanded back for internal wearing of self-contained breathing apparatus
- Rear-positioned exhalation valves
- Attached socks with static dissipitive sole and leg overflap
- Attached Ansell Barrier® gloves with sleeve overflap
- Semi-rigid multi-layer visor
- Conductive rubber sole

IDEAL APPLICATIONS

- Chemicals
- Oil and petrochemicals
- Pharmaceutical
- Industrial and tank cleaning
- Emergency services (HAZMAT, CBRN)

INDUSTRIES

PERFORMANCE RATINGS

TYPE 3-B | TYPE 4-B | EN 1149-5 | EN 14126

TECHNOLOGIES

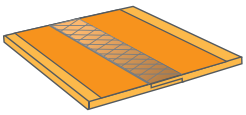
MICROCHEM™ Chemical Barrier Technology

COLOURS

SIZES

M-3XL

ULTRASONICALLY WELDED & TAPED SEAMS



MICROCHEM® 5000

MODEL 151 – G00 & G02

DESCRIPTION

- Neoprene rubber face seal
- Rear horizontal zip entry
- Attached socks with boot overflap
- Includes attached Ansell Barrier® gloves, with oversleeves and finger loops (151-G02)

IDEAL APPLICATIONS

- Chemicals
- Oil and petrochemicals
- Pharmaceutical
- Agriculture
- Sewage purification installations
- Industrial and tank cleaning
- Emergency services (HAZMAT, CBRN)

INDUSTRIES

PERFORMANCE RATINGS

TYPE 3-B | TYPE 4-B | TYPE 5-B | EN 1073-2 | EN 1149-5 | EN 14126

TECHNOLOGIES

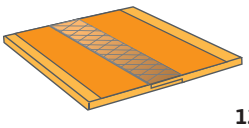
MICROCHEM™ Chemical Barrier Technology

COLOURS

SIZES

S-5XL

ULTRASONICALLY WELDED & TAPED SEAMS



BOUFFANTS 861X

BOUFFANT

Coating material	Polypropelene
Grip design	Smooth
Cuff style	Beaded
Size	One size
Packaging	100 pieces in a bag 10 bags in a carton

Lightweight and breathable, delivering maximum comfort

DESCRIPTION

- White Disposable Polyethylene Bouffant Cap has a sewn elastic edge for a comfortable fit all day in food processing, electronic manufacturing and assembly, food service and pharmaceutical manufacturing applications.
- It features non-woven high quality virgin material and base fabric is a lightweight spun bound polypropylene material.
- It offers resistance to chemicals, fats and oils.

IDEAL APPLICATIONS

- Food processing and handling
- Laboratory work
- Janitorial services

INDUSTRIES

COLOURS

FRESH TOUCH 54-299

APRON

Coating material	Polyethylene
Size	Unisize
Length (mm)	1170
Thickness	0.023
Packaging	40 pieces per box, 24 boxes per carton

The Fresh Touch Apron is ideal for use in many food handling situations, providing protection and cleanliness for your workers and food.

DESCRIPTION

- Lightweight and comfortable, the Ansell Fresh Touch work apron is resistant to oils, fats and chemicals.
- Providing product and foodstuff protection from cross-contamination, the 115cm Fresh Touch polyethylene single-use apron is bright white for keeping a sharp eye on cleanliness.

IDEAL APPLICATIONS

- Food handling and preparation

INDUSTRIES

COLOURS

56-101 (PVC-45W)

APRON

Coating material	Vinyl with nylon ties, PVC grommets,
Size	Unisize
Length (mm)	1120
Thickness	0.508
Packaging	12 pieces per carton

Heavy Duty PVC (Vinyl) Aprons

DESCRIPTION

- Medium to heavy duty splash protection
- Provides superior flexibility and resistance to chemicals, fats, oils, grease, punctures and abrasion while at the same time offering easy cleaning

IDEAL APPLICATIONS

- Chemical industry
- Food handling

INDUSTRIES

CATEGORY III

PERFORMANCE RATINGS

EN 14605:2005 +A1:2009

TYPE PB[4]

COLOURS

Ansell® 56-301 (BV-45)

APRON

Coating material	PVC
Size	Unisize
Length (mm)	1150
Packaging	12 pieces per carton

Premium grade PVC apron

DESCRIPTION

- Premium grade PVC.
- Good resistance to fats and oils.
- Cotton interlock liner for added comfort.
- Extremely flexible.

IDEAL APPLICATIONS

- Maintenance
- Janitorial

INDUSTRIES

COLOURS

Ansell® 56-402 (BN-45)

APRON

Coating material	Neoprene
Size	Unisize
Length (mm)	1150
Packaging	12 pieces per carton

Lightweight reinforced Neoprene apron for rugged wear

DESCRIPTION

- Wherever oil, grease and chemicals are present, Ansell aprons help workers keep clean and protected from harmful contact
- Neoprene aprons are resistant to a wide range of chemicals

IDEAL APPLICATIONS

- Chemical handling

INDUSTRIES

COLOURS

Ansell® 56-802 — APRON

Coating material	Enduro 2000
Size	Unisize
Length (mm)	1250
Packaging	24 pieces per carton

High performance, adaptable protection for a wide variety of jobs

DESCRIPTION

- Endurosaf™ polyurethane construction is strong, tough and offers outstanding tear and puncture resistance yet remains flexible in cold temperatures
- Dielectrically sealed neck and waist straps are easy to keep clean and resist tear out while the neck strap features an adjustable non-corrosive, non-absorbent plastic buckle for a more comfortable fit

IDEAL APPLICATIONS

- Bottling
- Equipment maintenance and repair
- Packing of fillets and ground meat
- Plant disinfection and sanitization
- Storing and transportation
- Transferring liquids

INDUSTRIES

COLOURS

Ansell® 59-002 — SLEEVES

Coating material	PVC
Size	Unisize
Length (mm)	450
Packaging	18 pieces per box, 12 boxes per carton

Economically priced arm protection for practically every application

DESCRIPTION

- Superior flexibility
- Completely heat sealed with no exposed elastic
- Excellent resistance to punctures, snags and abrasions
- Excellent resistance to chemicals, fats, oils and grease

IDEAL APPLICATIONS

- Loading and unloading of process equipment
- Loading and unloading of trucks and vehicles
- Packaging and labelling
- Packing of fillets and ground meat
- Storing and transportation
- Transferring liquids and solids

INDUSTRIES

COLOURS

Ansell® 59-201 — SLEEVES

Coating material	Polyethylene
Size	Unisize
Length (mm)	400
Packaging	2000 pieces per carton

Economically priced arm protection for practically every application

DESCRIPTION

- Superior flexibility
- Completely heat sealed with no exposed elastic
- Excellent resistance to punctures, snags and abrasions
- Excellent resistance to chemicals, fats, oils and grease

IDEAL APPLICATIONS

- Food handling and preparation

INDUSTRIES

COLOURS

PARTICULATE OR LOW HAZARD LIQUID PROTECTION

LIMITED/SINGLE USE SOLUTIONS

MICROGARD® 1500 | MODELS 138 & 113

MICROGARD® 1500 coveralls have been designed for workers involved in the stripping, clear up or handling of asbestos, general maintenance, construction and contract cleaning.

DESCRIPTION

- **Protection** – Proven to filter 100% of particles >3 microns*
- **Comfort** – Air and water vapour permeable ("breathable") to help reduce the risk of heat stress
- **Silicone-free** – Critical in spray-painting applications
- **Optimised body fit** – Improves wearer comfort and safety

*KAKEN particle penetration test

IDEAL APPLICATIONS

- Asbestos-related work
- Handling powders
- General maintenance
- Construction

INDUSTRIES

PERFORMANCE RATINGS

TYPE 5 | TYPE 6 | EN 1073-2

SIZES

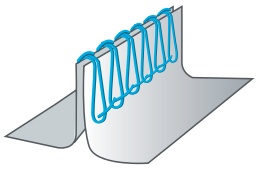
S-5XL

COLOURS (Model 138)

COLOURS (Model 113)

- Featuring silver reflective tape for enhanced visibility

STITCHED SEAMS



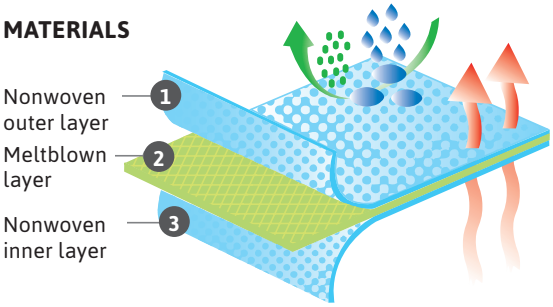
FEATURES

Elasticated 3-piece hood

Elasticated wrists, waist and ankles

2-way front zip

MATERIALS



MICROGARD® 1500 PLUS

MODEL 111

MICROGARD® 1500 PLUS is a highly breathable anti-static SMS fabric which utilises the latest developments in micro fibre technology to ensure good filtration efficiency.

DESCRIPTION

- **Protection** – Proven to filter 99.9% of particles >3 microns*
- **Comfort** – Air and water vapour permeable ("breathable") to help reduce the risk of heat stress
- **Silicone-free** – Critical in spray painting applications
- **Anti-static** – Tested according to EN 1149-5
- **Optimised body fit** – Improves wearer comfort and safety

*KAKEN particle penetration test

IDEAL APPLICATIONS

- Asbestos-related work
- Handling powders
- General maintenance
- Construction
- Pharmaceutical industries
- Wood and metal processing
- Touch-up paint spraying
- Fibre-glass/resin applications/ceramic fibres

INDUSTRIES

PERFORMANCE RATINGS

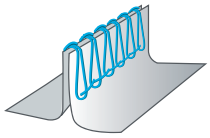
TYPE 5 | TYPE 6 | EN 1073-2 | EN 1149-5

SIZES

S-5XL

COLOURS

STITCHED SEAMS



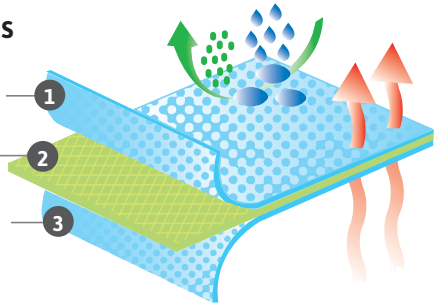
FEATURES

Elasticated 3-piece hood

Elasticated wrists, waist and ankles

2-way front zip

MATERIALS



MICROGARD® 1600 PLUS MODEL 111

Lightweight, breathable and oil repellent single use SMS coverall. Exceptional oil repellency and comfort.

DESCRIPTION

- **Protection** – Superior repellency for enhanced protection against liquids, particularly oils and alcohols compared to traditional 'SMS' technology
- **Comfort** – Lightweight, breathable materials to help minimise the risk of heat stress
- **Silicone-free** – For use in paint spraying and critical environments
- **Low-linting** – To reduce the risk of contamination in critical areas
- **Anti-static** – Tested according to EN 1149-5
- **Optimised body fit** – With knitted cuffs for increased wearer comfort

IDEAL APPLICATIONS

- Solvent degreasing and parts cleaning
- Loading and handling of low hazard liquids and process equipment
- Blending, filtering and compounding raw materials
- Inspecting machinery and equipment for defects
- Preparing and mixing paints
- Energy utilities

INDUSTRIES

PERFORMANCE RATINGS

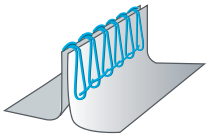
TYPE 5 TYPE 6 EN 1073-2 EN 1149-5

SIZES

S-5XL

COLOURS

STITCHED SEAMS



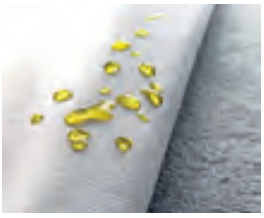
TECHNOLOGIES

RIPEL™ Liquid Repellence Technology

FEATURES

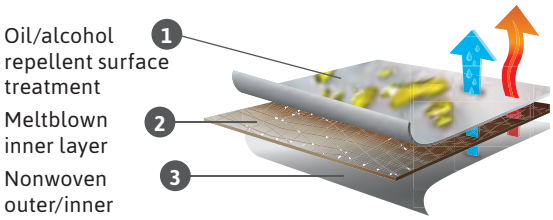
Elasticated hood, wrists, waist and ankles

Lint-free knitted cuffs



Oil/alcohol repellent

MATERIALS



MICROGARD® 1800

MICROGARD® 1800 is a lightweight, breathable material and is particularly suited to warmer working environments. Provides a good barrier to low hazard liquid spray and fine particulates.

DESCRIPTION

- **Protection** – Proven barrier to low-concentration liquid chemicals, liquid and particulate biological hazards
- **Comfort** – Moisture vapour permeable ("breathable") to help reduce the risk of heat stress
- **Silicone-free** – Critical in spray painting applications
- **Low-linting** – Reduced risk of contamination in critical areas
- **Anti-static** – Tested according to EN 1149-5
- **Optimised body fit** – Improves wearer comfort and safety

IDEAL APPLICATIONS

- Pharmaceutical industries
- Paint spraying
- Boat and ship building
- Mining
- General maintenance
- Powder handling

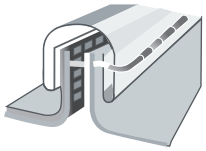
INDUSTRIES

PERFORMANCE RATINGS

TYPE 5 TYPE 6 EN 1149-5

COLOURS

BOUND SEAMS



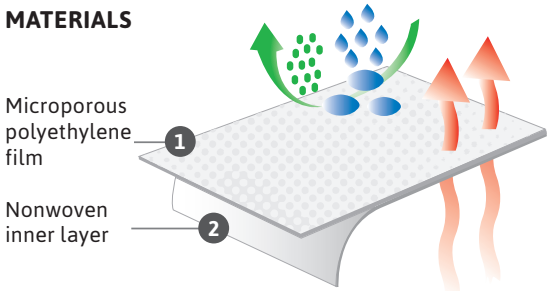
FEATURES

3-piece hood

Elasticated hood

2-way front zip

MATERIALS



MICROGARD® 1800 STANDARD

MODEL 111

DESCRIPTION

- 3-piece hood
- 2-way front zip with resealable storm flap
- Elasticated wrists, waist and ankles
- Vending pack available

IDEAL APPLICATIONS

- General maintenance
- Paint spraying
- Powder handling

EXTRA FEATURES

Vending

INDUSTRIES

PERFORMANCE RATINGS

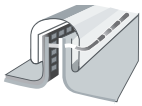
TYPE 5 | TYPE 6 | EN 1149-5

COLOURS

SIZES

S-5XL

BOUND SEAMS



MICROGARD® 1800 Ts PLUS

MODELS 103, 111, 122 & 156

DESCRIPTION

- **Protection** – Proven barrier to low-concentration liquid chemicals, liquid and particulate biological hazards
- **Comfort** – Moisture vapour permeable ("breathable") to help reduce the risk of heat stress
- **Silicone-free** – Critical in spray-painting applications
- **Optimised body fit** – Improves wearer comfort and safety
- **Thumb loops** – Help to prevent sleeve movement when working above your head
- **Chinstrap** – Helps to reduce the risk of cross contamination

IDEAL APPLICATIONS

- Pharmaceutical industries
- Paint spraying
- Boat and shipbuilding
- Mining

INDUSTRIES

PERFORMANCE RATINGS

TYPE 4-B | TYPE 5-B | TYPE 6-B

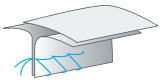
EN 1073-2 | EN 1149-5 | EN 14126

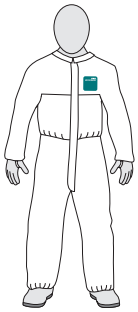
COLOURS

SIZES

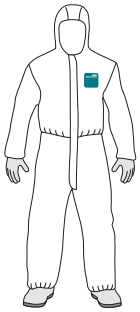
S-5XL

STITCHED & TAPED SEAMS

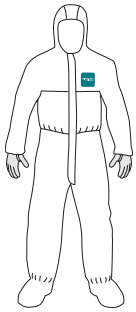




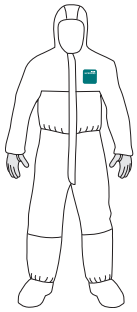
Model 103



Model 111



Model 122



Model 156

MICROGARD® 1800 COMFORT | MODEL 195

MICROGARD® 1800 COMFORT, model 195, was developed in collaboration with the market leader in wind generation power systems.

DESCRIPTION

- **Protection** – Proven barrier to low-concentration liquid chemicals and airborne particulates
- **Comfort** – Air and moisture vapour permeable ("breathable") SMS hood, full back and underarms to help reduce the risk of heat stress
- **Silicone-free** – Critical in spray painting applications
- **Low-linting** – Reduced risk of contamination in critical areas
- **Anti-static** – Tested and certified in accordance with EN 1149-5

IDEAL APPLICATIONS

- Composites
- General maintenance
- Paint spraying
- Surface preparation
- Boat and ship building
- Wind turbine manufacturing

INDUSTRIES

PERFORMANCE RATINGS

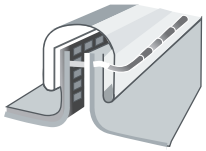
TYPE 5 | TYPE 6 | EN 1073-2 | EN 1149-5

SIZES

S-5XL

COLOURS

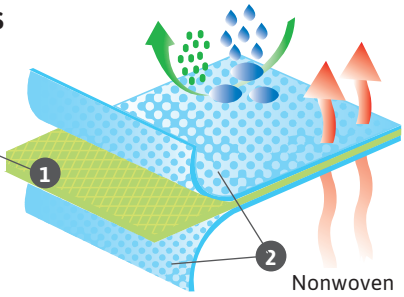
BOUND SEAMS

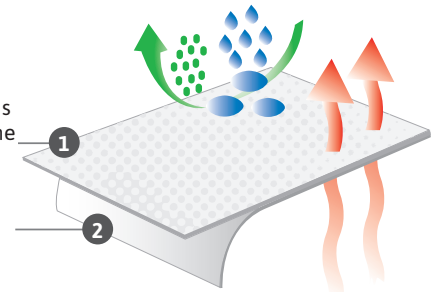


FEATURES

Breathable back

MATERIALS





MICROGARD® 2000

MICROGARD® 2000 provides both protection and comfort with exceptional liquid and particulate protection. Ideal for a wide range of industrial applications.

DESCRIPTION

- **Protection** – Excellent liquid penetration resistance and barrier to fine particulates (>0.01 microns*)
- **Comfort** – Moisture vapour permeable ("breathable") to help reduce the risk of heat stress
- **Silicone-free** – Critical in paint-spraying applications
- **Low-linting** – Reduces the risk of fibre contamination in critical areas
- **Optimised body fit** – Improves wearer comfort and safety
- **Anti-static** – Tested according to EN 1149-5

*EMSL test method

IDEAL APPLICATIONS

- Pharmaceutical industries
- Agriculture
- Cleanrooms
- Paint spraying
- Crime scene investigation
- Veterinary services

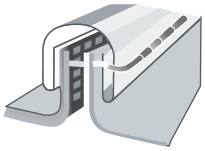
INDUSTRIES

PERFORMANCE RATINGS

TYPE 5-B TYPE 6-B DIN 32781 EN 1073-2 EN 1149-5 EN 14126

COLOURS

BOUND SEAMS



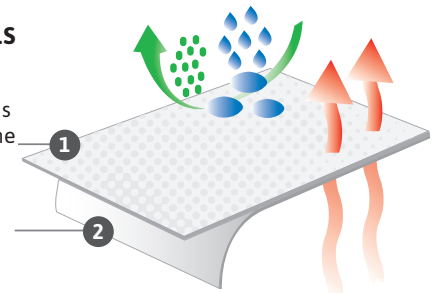
FEATURES

Finger loops

3-piece hood

2-way front zip

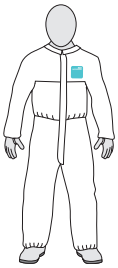
MATERIALS



MICROGARD® 2000 STANDARD

COVERALL MODELS

MODEL 103



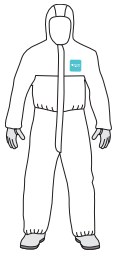
SIZES

S-5XL

COLOURS

- Collar
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated waist, wrists and ankles

MODEL 111



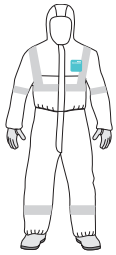
SIZES

S-5XL

COLOURS

- 3-piece hood
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated hood, waist, wrists and ankles

MODEL 113



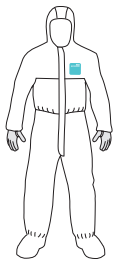
SIZES

S-5XL

COLOURS

- 3-piece hood
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated hood, waist, wrists and ankles
- Reflective Hi-Vis tape for enhanced visibility

MODEL 122



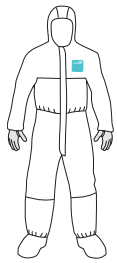
SIZES

S-5XL

COLOURS

- 3-piece hood
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated hood, waist, wrists and ankles
- Attached boot with ankle ties and anti-slip soles

MODEL 156



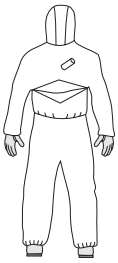
SIZES

S-5XL

COLOURS

- 3-piece hood
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated hood, waist, wrists, ankles and overflaps
- Integrated socks with boot overflaps

MODEL 162



SIZES

S-5XL

COLOURS

- Pass-thru device for use with fall-arrest equipment
- 3-piece hood
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated hood, waist, wrists and ankles

MICROGARD® 2000 COMFORT

MODEL 129

DESCRIPTION

- **Protection** – Hood, arms, legs and front torso in MICROGARD® 2000 fabric
- **Comfort** – Air and water vapour permeable ("breathable") to help reduce the risk of heat stress
- **Breathable SMS back panel**
- **Silicone-free** – Critical in spray-painting applications
- **Anti-static** – Tested according to EN 1149-5
- 3-piece hood
- Elasticated hood, wrists, waist and ankles
- 2-way front zip with resealable storm flap

IDEAL APPLICATIONS

- Pharmaceutical industry
- Cleanrooms
- Paint spraying
- Veterinary services
- Pest control

INDUSTRIES

PERFORMANCE RATINGS

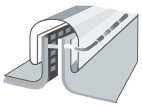
TYPE 5 TYPE 6 EN 1073-2 EN 1149-5

COLOURS

SIZES

S-5XL

BOUND SEAMS



MICROGARD® 2000 Ts PLUS

MODELS 103, 111, 122, 128 & 156

DESCRIPTION

- **Protection** – Proven barrier to low concentration liquid chemicals, diluted pesticides, liquid and particulate biological hazards
- **Comfort** – Moisture vapour permeable ("breathable") to help reduce the risk of heat stress
- **Silicone-free** – Critical in spray-painting applications
- **Ultra-low-linting** – Reduced risk of contamination in critical areas
- **Anti-static** – Tested according to EN 1149-5
- **Optimised body fit** – Improves wearer comfort and safety
- **Tunnelled elasticated wrists, hood and ankles** – Helps to minimise the risk of linting and cross contamination
- **Thumb loops** – Help to prevent sleeve movement when working above your head
- **Chinstrap** – Helps to reduce the risk of cross- contamination

IDEAL APPLICATIONS

- Agriculture
- Paint spraying
- Pharmaceutical industries
- Fibre-glass product manufacturing
- Boat and shipbuilding
- Mining

INDUSTRIES

PERFORMANCE RATINGS

TYPE 4-B | TYPE 5-B | TYPE 6-B | EN 14126

EN 1073-2 | DIN 32781 | EN 1149-5

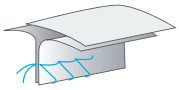
COLOURS

111 | 111

SIZES

S-5XL

STITCHED & TAPED SEAMS



PERFORMANCE RATINGS
Models 209/213/214/219/301

P PARTIAL BODY PROTECTION ONLY | TYPE PB(6)-B | DIN 32781 | EN 14126

MODEL 209 — LAB COAT

- Front zip fastening
- Left breast pocket
- Lower right pocket
- Bound seams
- Category III

SIZES: S-3XL **COLOURS** ☐

MODEL 301 — TROUSERS

- Elastication to waist and ankles
- Bound seams
- Category III

SIZES: S-3XL **COLOURS** ☐

MODEL 407 — OVERBOOTS - ESD

- Tie fastening
- Elastic to top of boot
- Bound seams
- ESD PVC Sole
- Category I

SIZES: One size (fits size 42-46) **COLOURS** ☐

MODEL 213 — APRON

- Tie fastening to waist
- 100 cm long tie fastening
- Category III

SIZES: One size **COLOURS** ☐

MODEL 400 — OVERSHOES

- Elasticated opening
- Bound seams
- Category I

SIZES: One size (fits size 42-46) **COLOURS** ☐

MODEL 503 — CAPE HOOD

- Balaclava-style
- Elasticated face opening
- Bound seams
- Category I

SIZES: One size **COLOURS** ☐

MODEL 214 — APRON WITH SLEEVES

- Rear VELCRO® fastening
- Elasticated wrists
- Bound seams
- Category III

SIZES: S-3XL **COLOURS** ☐

MODEL 401 — OVERSHOES

- Elasticated opening
- Bound seams
- Category I

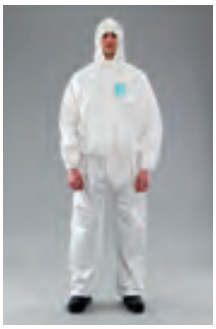
SIZES: One size (fits size 46-48) **COLOURS** ☐

MODEL 507 — CAPE HOOD

- Balaclava-style cape hood covering part of shoulders
- VELCRO® fastening to front
- Bound seams
- Category I

SIZES: One size **COLOURS** ☐

MODEL 219 — JACKET & TROUSER SET



- Zip fastening jacket
- Elasticated waist, hem and ankles on jacket and trousers
- Bound seams
- Category III

SIZES: S-5XL **COLOURS** ☐

MODEL 406 — OVERBOOTS

- Tie fastening
- Elastic to top of boot
- Bound seams
- Category I

SIZES: One size (fits size 42-46) **COLOURS** ☐

MODEL 600 — OVERSLEEVES

- Elasticated at both ends
- Bound seams
- Category I

SIZES: One size **COLOURS** ☐

MICROGARD® 2300 STANDARD

MICROGARD® 2300 provides an excellent barrier to harmful chemicals, while being lightweight and relatively strong and durable.

DESCRIPTION

- **Protection** – A good barrier to numerous inorganic liquid chemicals, including acids and bases
- **Highly visible** – Available in bright yellow colour for improved worker safety
- **Comfort** – Lightweight yet relatively strong and durable
- **Anti-static** – Tested according to EN 1149-5
- **Designed to protect** – Typical coverall features include respirator fit hood and a zip flap with self-adhesive tape closure

- Environmental cleanup
- Sewage purification installations
- Industrial and chemical manufacturing
- Composites manufacturing
- Pharmaceutical industry

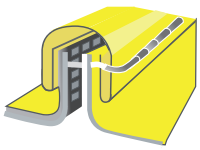
INDUSTRIES

PERFORMANCE RATINGS

TYPE 5-B TYPE 6-B EN 1073-2 EN 1149-5 EN 14126

COLOURS

BOUND SEAMS



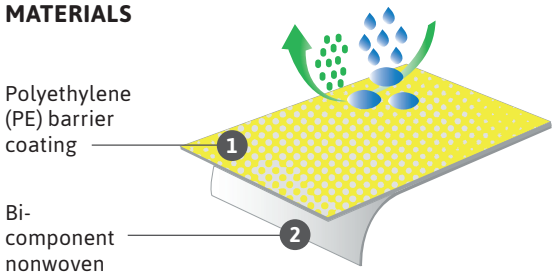
FEATURES

Finger loops

3-piece hood

2-way front zip

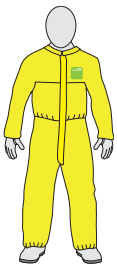
MATERIALS



MICROGARD® 2300 STANDARD

COVERALL MODELS

MODEL 103



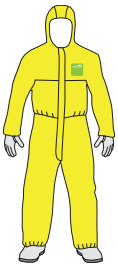
SIZES

S-5XL

COLOURS

- Collar (no hood)
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated waist, wrists and ankles

MODEL 111



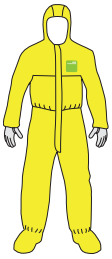
SIZES

S-5XL

COLOURS

- 3-piece hood
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated hood, waist, wrists and ankles

MODEL 122



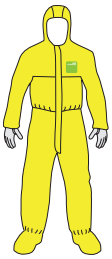
SIZES

S-5XL

COLOURS

- 3-piece hood
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated hood, waist, wrists and ankles
- Boot end with anti-slip soles

MODEL 156



SIZES

S-5XL

COLOURS

- 3-piece hood
- 2-way front zip with resealable storm flap
- Finger loops
- Elasticated hood, waist, wrists, ankles and overflaps
- Integrated socks with boot overflaps

MICROGARD® 2500

MICROGARD® 2500 is a unique material offering exceptional mechanical strength, liquid and particulate protection.

DESCRIPTION

- **Protection** – Achieves the highest classifications for protection from biological agents in accordance with EN 14126:2003 and ASTM F 1671 for penetration of blood, body fluids and blood-borne pathogens
- **Comfort** – Moisture vapour permeable ("breathable") to help reduce the risk of heat stress
- **Anti-static** – Tested according to EN 1149-5
- **Ultra-low-linting** – Reduced risk of contamination in critical areas

IDEAL APPLICATIONS

- Virally contaminated areas (including avian influenza)
- Biological protection
- Emergency medical response
- Medical research
- Chemical and pharmaceutical industries
- Low-pressure industrial cleaning
- Industrial paint spraying
- Nuclear industry

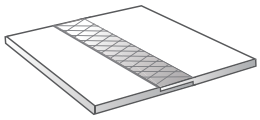
INDUSTRIES

PERFORMANCE RATINGS

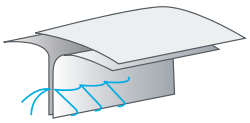
TYPE 4-B TYPE 5-B TYPE 6-B EN 1073-2 EN 1149-5 EN 14126

COLOURS

ULTRASONICALLY WELDED SEAMS (STANDARD)



STITCHED & TAPED SEAMS (PLUS)

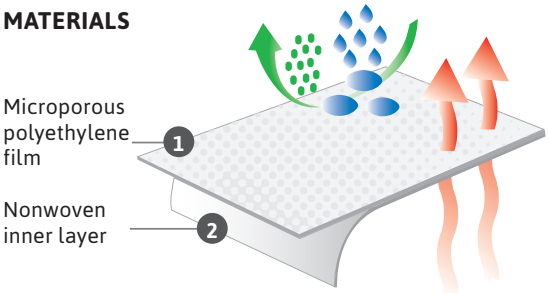


FEATURES

Finger loops

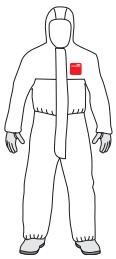
Hood

MATERIALS

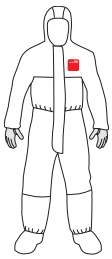


MICROGARD® 2500 STANDARD

MODELS 111 & 122



Model 111



Model 122

DESCRIPTION

- 3-piece hood
- Elasticated hood, wrist, waist and ankles
- Finger loops
- Red single zip with resealable storm flap

IDEAL APPLICATIONS

- Virally contaminated areas (including Avian Influenza)
- Biological protection
- Emergency medical response
- Medical research
- Chemical and pharmaceutical industries
- Low-pressure industrial cleaning
- Industrial paint spraying
- Nuclear industry

INDUSTRIES

PERFORMANCE RATINGS

TYPE 4-B TYPE 5-B TYPE 6-B

EN 1073-2 EN 1149-5 EN 14126

COLOURS

SIZES

S-5XL

ULTRASONICALLY WELDED SEAMS

MODEL 203 LAB COAT

- Collar
- Stud front fastening
- Left breast pocket
- Lower right pocket
- Bound seams
- Category I

SIZES: S-3XL **COLOURS** ☐

MODEL 406 OVERBOOTS

- Elastic to top of boot
- Tie fastening
- Category I

SIZES: One size (fits size 42-46) **COLOURS** ☐

MODEL 503 CAPE HOOD

- Balaclava-style
- Elasticated face opening
- Bound seams
- Category I

SIZES: One size **COLOURS** ☐

MODEL 213 APRON

- Tie fastening to waist
- 100 cm long tie fastening
- Category I

SIZES: One size **COLOURS** ☐

MODEL 407 OVERBOOTS - ESD

- Elasticated opening
- Anti-slip sole
- Adjustable shoe tie
- Bound seams
- ESD PVC Sole
- Category I

SIZES: 42-46 **COLOURS** ☐

MODEL 507 CAPE HOOD

- Balaclava-style cape hood covering part of shoulders
- VELCRO® fastening to front
- Bound seams
- Category I

SIZES: One size **COLOURS** ☐

MODEL 400 OVERSHOES

- Elasticated opening
- Bound seams
- Category I

SIZES: One size (fits size 42-46) **COLOURS** ☐

MODEL 409 SOCO OVERBOOTS

- Tie fastening
- Blue binding to seams
- Reinforced Surestep non-slip soles
- Adjustable shoe tie
- Category I

SIZES: One size (fits size 42-46) **COLOURS** ☐

MODEL 600 OVERSLEEVES

- Elasticated at both ends
- Bound seams
- Category I

SIZES: One size **COLOURS** ☐

CHEMICAL FLAME RETARDANT PROTECTION

LIMITED/SINGLE USE SOLUTIONS

MICROGARD® 1500 PLUS FR — MODEL 111

DESCRIPTION

- **Protection** – Flame-retardant and anti-static SMMS nonwoven provides a good barrier to particulates and non-flammable low hazard liquid sprays or splashes
- **Comfort** – Air and water vapour permeable ("breathable") to help reduce the risk of heat stress
- **Anti-static** – Tested according to EN 1149-5
- **Optimised body fit** – Ensures full freedom of movement when worn over heat and flame protective clothing (EN ISO 14116 Index 2 or above)
- Must be worn over thermal protective garments such as NOMEX®, and never be worn next to the skin

IDEAL APPLICATIONS

- Petrochemical industry
- Industrial cleaning
- Utilities
- General maintenance

INDUSTRIES

PERFORMANCE RATINGS

TYPE 5 | TYPE 6 | EN 1073-2 | EN 1149-5

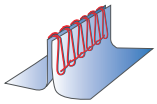
EN ISO 14116 INDEX 1/0/0

COLOURS

SIZES

M-5XL

STITCHED SEAMS



MICROGARD® FR — MODEL 111

DESCRIPTION

- **Protection** – Flame retardant-treated Sontara/wood pulp/polyester fabric with good barrier to particulates and low-level liquid spray
- **Comfort** – Air and water vapour permeable ('breathable') to help reduce the risk of heat stress
- **Optimised body fit** – Improves wearer comfort and safety
- Must be worn over thermal protective garments such as NOMEX®, and never be worn next to the skin

IDEAL APPLICATIONS

- Oil and petrochemicals
- Petroleum distribution and processing
- Utilities

INDUSTRIES

PERFORMANCE RATINGS

TYPE 5 | TYPE 6 | EN 1073-2 | EN 1149-5

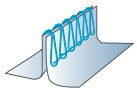
EN ISO 14116 INDEX 1/0/0

COLOURS

SIZES

M-5XL

STITCHED SEAMS



MICROCHEM® CFR | MODEL 111

MICROCHEM® CFR is a flame retardant material designed to be worn over woven thermal protective garments such as NOMEX®, offering protection from particulates and pressurised liquid spray without compromising worker protection in the event of a flash fire.

DESCRIPTION

- **Protection** – Flame retardant-treated fabric with PVC barrier film offering wearers protection from liquid chemicals to EN Type 3B and 4B
- **Versatile** – Suitable for most applications with the need for protection from chemical spray without compromising wearer protection in the event of a flash fire
- **Optimised body fit** – Improves wearer comfort and safety
- **Highly visible** – Highly visible bright red colour to improve worker safety
- Must be worn over thermal protective garments such as NOMEX®, and never be worn next to the skin

IDEAL APPLICATIONS

- Oil and petrochemicals
- Petroleum distribution and processing
- Utilities

INDUSTRIES

SIZES

S-5XL

PERFORMANCE RATINGS

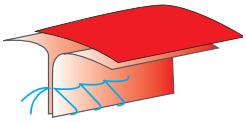
TYPE 3-B | TYPE 4-B | TYPE 5-B | EN 1073-2 | EN 1149-5 | EN 14126 | EN ISO 14116 INDEX 1/0/0

TECHNOLOGIES

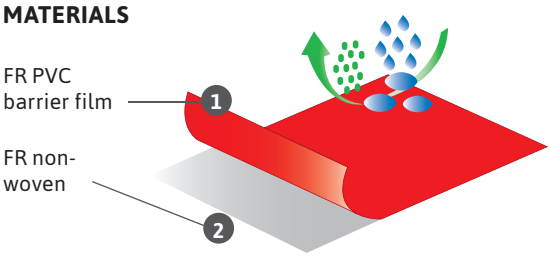
MICROCHEM™ Chemical Barrier Technology

COLOURS

STITCHED & TAPED SEAMS



MATERIALS



FEATURES

2-piece hood

Double zip closure

INDUSTRY GUIDE

LIFE SCIENCES
AUTOMOTIVE AFTERMARKET
CHEMICAL
FOOD PROCESSING
MACHINERY & EQUIPMENT
METAL FABRICATION
MINING
OIL & GAS

ANSELL PROTECTION SOLUTIONS FOR INDUSTRY PROCESSES

Ansell is dedicated to worker safety: we provide a comprehensive range of hand, arm and body protection solutions to cover needs across many industries. Before selecting a product, ensure a risk assessment of the hazards has been conducted to determine that the product will provide an appropriate level of protection. Ansell Guardian® Chemical can be consulted to provide an assessment of the level of chemical protection offered by our products and may assist in the risk assessment. The determination of suitability of Ansell hand, arm and body protection solutions is the final responsibility of the user.

LIFE SCIENCES INDUSTRY PROCESSES

1. WAREHOUSING

Applications:
- Loading and unloading of trucks and vehicles
- Unpacking of bulk goods
- Inventory recording

User needs:
- Dexterity and grip
- Cut and abrasion protection
- Chemical protection

2. RAW MATERIAL PREPARATION

Applications:
- Sample collection
- Transporting raw materials
- Weighing and dispensing of solids and liquids
- Charging and discharging of solids and liquids

User needs:
- Dexterity and grip
- Chemical protection
- Defect-free - no pinholes

3. MANUFACTURING PHARMACEUTICAL

Applications:
- Loading and unloading of process equipment
- Transferring liquids and solids
- Loading wetcakes and unloading dry products
- Packaging and labelling

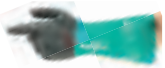
User needs:
- Chemical protection
- Dexterity and grip
- Abrasion and puncture resistance
- Protecting process output from contamination

4. MANUFACTURING BIOTECHNOLOGY

Applications:
- Transferring liquids
- Loading centrifuges and chromatography columns
- Sterilising vials and ampules
- Aseptic filling and labelling

User needs:
- Wet grip
- Sterile and/or clean gloves
- Dexterity
- Double donning
- Protecting process output from contamination

HyFlex® 11-727
→ p. 47



AlphaTec® 58-435
→ p. 73

Microflex® 93-856
→ p. 97

TouchNTuff® 92-605
→ p. 89

MICROGARD® 1800
→ p. 129

non-sterile

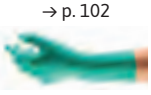
Microflex® 93-260
→ p. 87

MICROGARD® 2000 Ts PLUS
→ p. 135

sterile

TouchNTuff® 73-500
→ p. 102

TouchNTuff® DermaShield® 73-701
→ p. 102



TouchNTuff® 93-700
→ p. 92

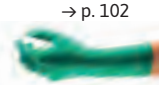
non-sterile

Microflex® 93-833
→ p. 93

Microflex® 93-853
→ p. 97

sterile

TouchNTuff® DermaShield® 73-701
→ p. 102



DermaShield® 73-711
→ p. 103

TouchNTuff® 83-500
→ p. 103

AUTOMOTIVE AFTERMARKET INDUSTRY PROCESSES

1. MECHANICAL WORKSHOP

Applications:
- Car maintenance
- Spare parts replacement
- Diagnosis and troubleshooting
- Work on electrical cars

User needs:
- Abrasion, cut, puncture resistance
- Grip in both dry and slightly oily environments
- Dexterity, tactility
- Protection against electrical shocks

HyFlex® 11-518
→ p. 36

HyFlex® 11-727
→ p. 47

Microflex® 93-852
→ p. 96

2. BODY REPAIR & PAINTING

Applications:
- Welding and handling body components
- Body painting
- Use and cleaning painting tools

User needs:
- Abrasion, cut, puncture, chemical resistance
- Silicone- and lint-free hand and body protection
- Prevention of skin irritation

Microflex® 93-260
→ p. 87

MICROGARD® 1800 COMFORT
→ p. 131

3. TYRE CENTRE

Applications:
- Replacement of tire on wheel and wheel on car
- Make alignments

User needs:
- Abrasion, cut, puncture resistance
- Protection against impact

HyFlex® 11-801
→ p. 26

HyFlex® 11-840
→ p. 28

TouchNTuff® 93-250
→ p. 91

4. GLASS SPECIALIST

Applications:
- Windshield replacement and repair
- Replacement of rear and side windows

User needs:
- Abrasion, cut, puncture
- Chemical resistance

HyFlex® 11-735
→ p. 47

TouchNTuff® 92-600
→ p. 89

Microflex® 93-852
→ p. 96

5. MANUFACTURING ISOLATOR BOX AND RABS

Applications:
- Weighing and dispensing of solids and liquids
- Charging and discharging of solids and liquids
- Transferring liquids and solids
- Filling of final product

User needs:
- Chemical protection
- Dexterity and grip
- Abrasion and puncture resistance

AlphaTec® 85-50x
→ p. 84

AlphaTec® 85-60x
→ p. 84

6. R&D AND QUALITY CONTROL LABS

Applications:
- Sample taking and processing
- Blending, compounding solids and/or liquids
- Performing surgical procedures on animals
- Administering drugs

User needs:
- Dexterity
- Wet and dry grip
- Chemical protection
- Extended forearm protection

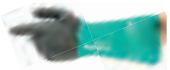
TouchNTuff® 92-605
→ p. 89

TouchNTuff® 93-833
→ p. 93

7. MAINTENANCE AND CLEAN-UP OF LABS

Applications:
- Maintaining lab furniture and equipment
- Removal of broken glassware
- Animal care feeding and clean-up
- Spill or leakage clean-up

User needs:
- Wet and dry grip
- Chemical protection
- Cut protection
- Heat protection



AlphaTec® 58-435
→ p. 73

MICROGARD® 2000
→ p. 132

8. EMERGENCY RESPONSE

Applications:
- Unexpected leakages, spills
- Accidental release of toxic gases
- Biohazard response

User needs:
- Chemical protection
- Liquid resistance
- Protection from airborne contamination

Barrier® 02-100
→ p. 84

MICROCHEM® 5000 APOLLO
→ p. 121

CHEMICAL INDUSTRY PROCESSES

1. WAREHOUSING

Applications:
- Warehousing of raw materials
- Loading/unloading trucks and vehicles
- Handling incoming goods

User needs:
- Dexterity
- Abrasion protection
- Chemical resistance and grip

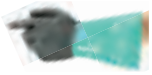
HyFlex® 11-531
→ p. 36

MICROGARD® 2000 STANDARD
→ p. 133

2. PREPARATION OF MATERIALS

Applications:
- Filling, blending and charging of raw materials
- Transferring liquids and solids
- Opening/draining pumps, valves or lines

User needs:
- Chemical resistance
- Abrasion protection
- Dexterity and grip



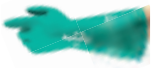
AlphaTec® 58-535B
→ p. 74

MICROCHEM® 3000
→ p. 112

3. PRODUCTION & PROCESSING

Applications:
- Loading and unloading process equipment
- Transferring liquids and solids between vessels, tanks and process equipment
- Supervision of running operation

User needs:
- Chemical and liquid resistance
- Grip
- Anti-static



AlphaTec® 58-335
→ p. 72

MICROCHEM® 4000
→ p. 115

4. PRODUCT SHIPPING

Applications:
- Handling outgoing goods: cans, vessels, bulkpack and cartons
- Loading trucks and vehicles
- Product shipping, transport and delivery

User needs:
- Abrasion protection
- Dexterity
- Chemical resistance and grip

ActivArmr® 97-125
→ p. 59

MICROGARD® 2300 STANDARD
→ p. 138

FOOD PROCESSING INDUSTRY PROCESSES

1. PRIMARY PROCESSING

Applications:
- Defeathering/skinning
- Primary cutting
- Deboning

User needs:
- Cut and puncture protection
- Liquid protection
- Cold protection

HyFlex® 74-500
→ p. 48

Pro-1™ 74-030
→ p. 48

VersaTouch® 37-210
→ p. 70

2. FURTHER PROCESSING

Applications:
- Slicing/cutting/chopping
- Steaming/frying/roasting
- Marinating

User needs:
- Cut and puncture protection
- Liquid protection
- Thermal protection (cold and heat)

HyFlex® 74-500
→ p. 48

VersaTouch® 62-401
→ p. 79

VersaTouch® 37-210
→ p. 70

3. PACKING

Applications:
- Packing of fillets and ground meat
- Canning
- Bottling

User needs:
- Dexterity
- Cold protection

TouchNTuff® 92-600
→ p. 89

MICROGARD® 1500 PLUS
→ p. 127

4. COLD STORAGE

Applications:
- Storing packed meats
- Storing bottles and cans
- Storing of raw materials

User needs:
- Cold protection

VersaTouch® 62-401
→ p. 79

MICROGARD® 1500 PLUS
→ p. 127

5. LAB AND R&D

Applications:
- Testing
- Charging and blending raw materials
- Maintenance

User needs:
- Chemical resistance
- Dexterity
- Flexibility and grip

Microflex® 93-260
→ p. 87

MICROCHEM® 3000
→ p. 112

6. REPAIR AND MAINTENANCE

Applications:
- Opening furnaces, draining pumps, valves or lines and crackers BTX process
- Cleaning furnaces, distallations, pumps, valves or lines and crackers BTX process

User needs:
- Grip and dexterity
- Chemical and liquid resistance
- Cut and abrasion protection

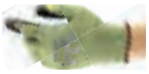
Powerflex® 80-400
→ p. 63

MICROCHEM® 5000
→ p. 119

7. SHEET METAL WORKSHOP

Applications:
- Hot metalwork
- Painting
- Locksmith

User needs:
- Dexterity and flexibility
- Flammability protection
- Contact heat resistance



ActivArmr® 80-813
→ p. 61

MICROGARD® FR
→ p. 143

8. EMERGENCY RESPONSE

Applications:
- Unexpected leakages, spills or other releases

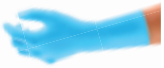
User needs:
- Chemical and liquid resistance
- Tear resistance
- Flame retardancy

ChemTek™ 38-612
→ p. 83

5. SANITATION AND MAINTENANCE

Applications:
- Storing/transportation
- Equipment maintenance/repair
- Plant disinfection/sanitising

User needs:
- Cut and puncture protection
- Chemical protection



Microflex® 93-243
→ p. 90

MICROGARD® 2000 Ts PLUS
→ p. 135

MACHINERY & EQUIPMENT INDUSTRY PROCESSES

1. PRESS SHOP

Applications:
- Seizing structural and body parts
- Inspection
- Feed the press and remove spare parts from it

User needs:
- High abrasion resistance
- Medium to high cut protection
- Dry or oil grip

HyFlex® 11-435
→ p. 41

HyFlex® 11-735
→ p. 47

HyFlex® 11-927
→ p. 56

2. BODY SHOP

Applications:
- Seizing structural and body parts
- Assembling big parts together by welding
- Riveting

User needs:
- Medium to high cut protection
- Dry or oil grip
- Medium to high dexterity

HyFlex® 11-435
→ p. 41

HyFlex® 11-927
→ p. 56

ActivArmr® WorkGuard™ 43-216
→ p. 60

3. MACHINING

Applications:
- Seizing rough blocks and cylinders
- Assembling and mounting components
- Inspection in each circumstance

User needs:
- Medium to high cut resistance
- Dry or oil grip
- Oil repellence

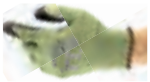
HyFlex® 11-724
→ p. 46

MICROGARD® 1800
→ p. 129

4. MOLDING

Applications:
- Seizing and finishing structual parts
- Inspection in each circumstance

User needs:
- High abrasion
- High cut resistance
- Contact heat resistance (80 to 100°C)


ActivArmr® 80-813
→ p. 61

GoldKnit™ 70-225
→ p. 51

1. CASTING & MELTING

Applications:
- Foundry operations
- Handling materials with sharp or rough edges
- Handling parts in high heat areas

User needs:
- Abrasion and cut resistance
- Grip in dry environments
- Flame and contact heat resistance

Crusader® Flex 42-474
→ p. 60

Vantage® 70-765
→ p. 47

Powerflex® 80-600
→ p. 52

2. FORGING

Applications:
- Forging operations
- Forging shapes using presses or hammers
- Extruding, bending and punching shapes

User needs:
- Abrasion and cut resistance
- Grip in dry environments
- Flame and contact heat resistance

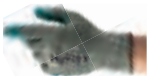
Crusader® Flex 42-474
→ p. 60

Powerflex® 80-600
→ p. 52

3. STAMPING & CUTTING

Applications:
- Press shop operations
- Processing sheets, coils, tubes
- Cutting glass sheets, panels

User needs:
- Abrasion, cut, puncture, impact resistance
- Grip in both dry and slightly oily environments
- Contact heat resistance


HyFlex® 11-501
→ p. 42

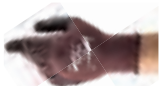
HyFlex® 11-541
→ p. 37

HyFlex® 11-735
→ p. 47

4. MACHINING

Applications:
- Metalwork, glass processing
- Fabricating metal parts, glass sheets
- Assembly and inspection of components

User needs:
- Abrasion, cut, puncture and chemical resistance
- Grip in both dry and oily environments
- Dexterity, tactility


HyFlex® 11-926
→ p. 55

MICROCHEM® CFR
→ p. 144

5. PAINT SHOP

Applications:
- Body surface checking, marking and touching up
- Applying sealer on body
- Painting or cleaning tools or robots

User needs:
- Paint-compatible gloves
- Ability to feel surface for abrasion
- Chemical resistance (painting/ cleaning)

AlphaTec® 58-335
→ p. 72

MICROGARD® 2000 COMFORT
→ p. 130

6. FINAL ASSEMBLY

Applications:
- Seizing structural parts
- Adjusting systems and screwing using wrenches
- Fixing, clipping parts and wire harnesses

User needs:
- High abrasion
- Low to medium cut protection
- Medium range dry and oil grip

HyFlex® 11-518
→ p. 36

HyFlex® 11-818
→ p. 27

HyFlex® 11-840
→ p. 28

7. LOGISTICS

Applications:
- Loading and unloading rough parts or boxes
- Cutting cardboard, picking parts and accessories
- Driving vehicles

User needs:
- Dry, wet or oily grip
- High dexterity
- Cold weather protection

HyFlex® 11-518
→ p. 36

HyFlex® 11-840
→ p. 28

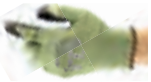
ActivArmr® 97-012
→ p. 30

8. MAINTENANCE

Applications:
- Mounting and dismantling
- Changing tools and dies
- Welding

User needs:
- Mechanical, chemical, thermal and electrical protection
- High dexterity and tactility

HyFlex® 11-840
→ p. 28



ActivArmr® 80-813
→ p. 61

5. LOGISTICS

Applications:
- Delivery of parts to production line
- Delivery of finished equipment
- Driving fork lifts and trailers

User needs:
- Abrasion, cut resistance
- Grip in both dry and oily wenvironments
- Thermal protection against cold weather

HyFlex® 11-537
→ p. 36

ActivArmr® 97-012
→ p. 30

HyFlex® 11-800
→ p. 25

6. FINISHING SHOP

Applications:
- Plating, coating, sealing, painting
- Applying finish to materials, products
- Handling application and cleaning tools

User needs:
- Paint compatible, anti-static clothing
- Silicone- and lint-free hand protection
- Sweat resistant garments

AlphaTec® Solvex® 37-185
→ p. 70

AlphaTec® 58-330
→ p. 72

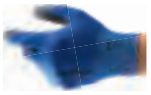
TouchNTuff® 92-600
→ p. 89

7. ASSEMBLY

Applications:
- Fastening components, parts
- Positioning equipment using hands, tools
- Adjusting panels, parts, components

User needs:
- Abrasion, cut resistance
- Grip in a dry environment
- Dexterity, tactility

HyFlex® 11-531
→ p. 36



HyFlex® 11-618
→ p. 25

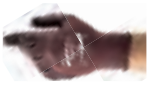
HyFlex® 11-818
→ p. 27

8. MAINTENANCE

Applications:
- Production line support and maintenance
- Equipment repair, maintenance
- Assembly and disassembly of equipment

User needs:
- Abrasion, cut, puncture, chemical resistance
- Dexterity, tactility
- Flame and contact heat resistance

HyFlex® 11-840
→ p. 28



HyFlex® 11-926
→ p. 55

TouchNTuff® 93-250
→ p. 91

1. INFRASTRUCTURE CONSTRUCTION

Applications:
- Signalling/positioning
- Operating of heavy machinery
- Pipe handling

User needs:
- Abrasion resistance
- Dexterity
- Comfort

HyFlex® 11-735
→ p. 47

HyFlex® 11-840
→ p. 28

ActivArmr® 97-012
→ p. 30

2. EXTRACTION & EXPLORATION

Applications:
- Drilling and blasting
- Hydraulic set and testing
- Loading and hauling

User needs:
- Dexterity and grip
- Comfort
- High visibility

ActivArmr® 97-013
→ p. 49

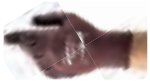
ActivArmr® 97-120
→ p. 58

ActivArmr® 97-125
→ p. 59

3. CRUSHING

Applications:
- Crushing and unloading ore
- Primary grinding
- Inspection of primary product

User needs:
- Enhanced wet/oil grip
- Chemical resistance to splashes
- Comfort for hot environments


HyFlex® 11-926
→ p. 55

HyFlex® 11-927
→ p. 56

TouchNTuff® 93-250
→ p. 91

4. WASHING & PREPERATION

Applications:
- Concentration, mixing and palletisation
- Use of binding agents
- Cleaning of equipment

User needs:
- Durability
- Cut resistance
- Improved chemical protection

AlphaTec® 58-270
→ p. 71

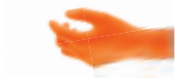
MICROGARD® 1500
→ p. 126

1. DRILLING

Applications:
- Engagement and release of drill-string slips
- Chaining up pipes
- Installation and dismantling of rigs

User needs:
- Impact protection
- Oil protection
- Heavy tool handling

ActivArmr® 97-013
→ p. 46


Microflex® 93-856
→ p. 97

ActivArmr® 97-120
→ p. 58

2. WIRELINE SERVICES

Applications:
- Makeup and breakout tools
- Running tools into the wellbore
- Handling explosives

User needs:
- Cut resistance
- Impact protection
- Flexibility and grip

ActivArmr® 97-125
→ p. 59

HyFlex® 11-735
→ p. 47

Hycron® 27-600
→ p. 52

3. CASING

Applications:
- Assembly and disassembly of large pipes
- Engagement and release of drillstring slips
- Unloading and stacking pipe

User needs:
- Impact protection
- Abrasion resistance
- Comfort

ActivArmr® 97-125
→ p. 59

HyFlex® 11-531
→ p. 36

HyFlex® 11-840
→ p. 28

4. COILED TUBING

Applications:
- Preparation of site/set-up and disassembly of tool string
- Set-up of pressure manifold and tubing injector head
- General pumping work

User needs:
- Abrasion protection
- Oil protection
- Comfort

ActivArmr® 97-125
→ p. 59

ActivArmr® 97-120
→ p. 58

HyFlex® 11-939
→ p. 38

5. TRANSPORT & LOGISTICS

Applications:
- Hydraulic repair
- Product inspection
- Shipping and loading of product

User needs:
- Wet and oil grip
- Chemical splash resistance
- Cut protection

HyFlex® 11-927
→ p. 56

ActivArmr® 97-013
→ p. 46

AlphaTec® 58-270
→ p. 68

6. SERVICE/ MAINTENANCE

Applications:
- Vehicle maintenance
- Conveyer and long wall maintenance
- Re-fuel oil, fluid and diesel

User needs:
- Cut resistance
- Durability
- Dexterity and tactility

HyFlex® 11-840
→ p. 28

HyFlex® 11-939
→ p. 38

TouchNTuff® 93-250
→ p. 91

7. RESCUE & EMERGENCY RESPONSE

Applications:
- Accidental chemical releases
- Rescue/extraction from confined spaces
- Basic first aid

User needs:
- Chemical protection

Microflex® 93-856
→ p. 97

5. PRESSURE PUMPING

Applications:
- Preparation of site/unloading of lines and valves
- Handling iron/rigging work
- Handling of tools

User needs:
- Chemical resistance
- Abrasion protection
- Flexibility and grip

HyFlex® 11-724
→ p. 46

ActivArmr® 97-120
→ p. 58

ActivArmr® 97-125
→ p. 59

6. PRODUCTION SERVICE

Applications:
- Environmental clean-up and remediation
- Handling iron
- Valve/line maintenance and repair

User needs:
- Wet, dran and oil grip
- Liquid barrier
- High visibility

ActivArmr® 97-120
→ p. 58

HyFlex® 11-939
→ p. 38

7. SHOP AND LAB WORK

Applications:
- Drilling assembly and completion
- Handling jagged metal
- Mixing or loading chemicals

User needs:
- Chemical resistance
- Dexterity
- Flexibility and grip

ActivArmr® 97-125
→ p. 59

HyFlex® 11-939
→ p. 38

Microflex® 93-260
→ p. 87

8. INFRASTRUCTURE CONSTRUCTION

Applications:
- Heavy machinery operation
- Equipment maintenance
- Pipe handling and installation

User needs:
- Wet and dry grip
- Comfort and dexterity
- Cut resistance

ActivArmr WorkGuard™ 43-216
→ p. 60

HyFlex® 11-724
→ p. 46

HyFlex® 11-735
→ p. 47

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