

# PROTECTION SOLUTIONS

GUIDE





## ANSELL

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

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## 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.

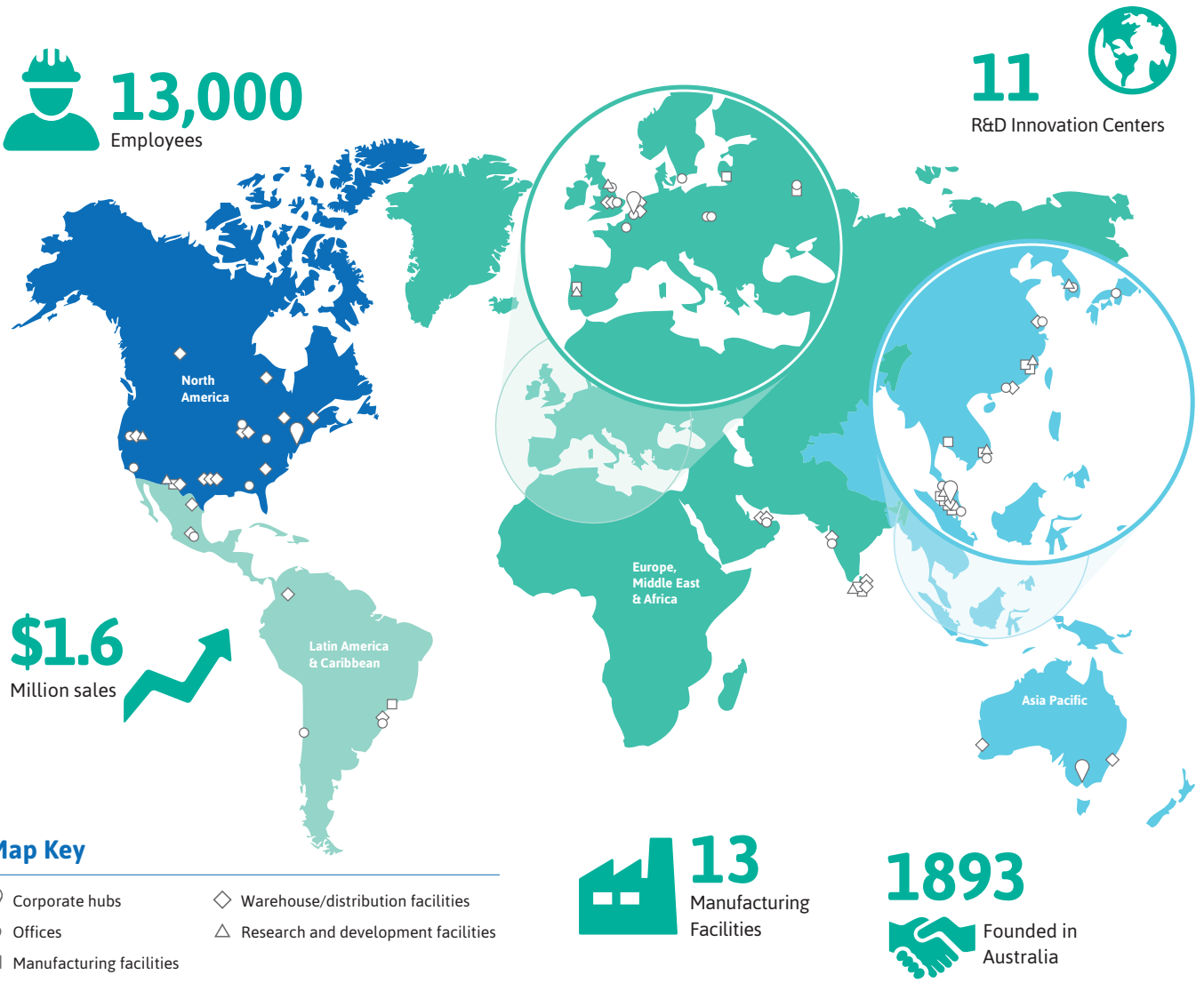
### Dedicated to safety

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.

### Fast facts

- 10 billion gloves 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

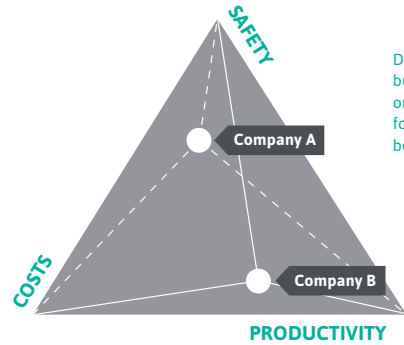
**Ansell is dedicated to worker safety:** we provide a comprehensive range of gloves and clothing to meet all worker and product protection requirements.



# AnsellGUARDIAN®

## FOCUS ON SAFETY TO IMPROVE YOUR BUSINESS PERFORMANCE

AnsellGUARDIAN® 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

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

#### Safety/compliance

Personalised risk management solutions (industrial and chemical) and data-driven recommendations

CLIENT NAME HERE

Application Assessment

SAFETY	COMFORT / PRODUCTIVITY	PROTECTION

**SOLUTIONS**

Current Solution	Recommended Solution 1	Recommended Solution 2
Current Solution	Recommended Solution 1	Recommended Solution 2

**OBSERVATIONS**

No PPE was provided for the specific equipment. PPE was provided for the specific equipment. PPE was provided for the specific equipment.

Permeation Breakthrough Times

Material	Chemical	Time (min)	Time (min)	Time (min)	Time (min)	Time (min)	Time (min)	Time (min)	Time (min)
10-1042	Hydrochloric Acid	100	100	100	100	100	100	100	100
10-1043	Sulfuric Acid	100	100	100	100	100	100	100	100
10-1044	Nitric Acid	100	100	100	100	100	100	100	100
10-1045	Acetic Acid	100	100	100	100	100	100	100	100
10-1046	Formic Acid	100	100	100	100	100	100	100	100
10-1047	Hydrofluoric Acid	100	100	100	100	100	100	100	100
10-1048	Phosphoric Acid	100	100	100	100	100	100	100	100
10-1049	Peracetic Acid	100	100	100	100	100	100	100	100
10-1050	Hydrogen Peroxide	100	100	100	100	100	100	100	100
10-1051	Ammonia	100	100	100	100	100	100	100	100
10-1052	Hydroxide	100	100	100	100	100	100	100	100
10-1053	Hydrochloride	100	100	100	100	100	100	100	100
10-1054	Sulfide	100	100	100	100	100	100	100	100
10-1055	Hydroxide	100	100	100	100	100	100	100	100
10-1056	Hydrochloride	100	100	100	100	100	100	100	100
10-1057	Sulfide	100	100	100	100	100	100	100	100
10-1058	Hydroxide	100	100	100	100	100	100	100	100
10-1059	Hydrochloride	100	100	100	100	100	100	100	100
10-1060	Sulfide	100	100	100	100	100	100	100	100
10-1061	Hydroxide	100	100	100	100	100	100	100	100
10-1062	Hydrochloride	100	100	100	100	100	100	100	100
10-1063	Sulfide	100	100	100	100	100	100	100	100
10-1064	Hydroxide	100	100	100	100	100	100	100	100
10-1065	Hydrochloride	100	100	100	100	100	100	100	100
10-1066	Sulfide	100	100	100	100	100	100	100	100
10-1067	Hydroxide	100	100	100	100	100	100	100	100
10-1068	Hydrochloride	100	100	100	100	100	100	100	100
10-1069	Sulfide	100	100	100	100	100	100	100	100
10-1070	Hydroxide	100	100	100	100	100	100	100	100

Increased safety and compliance

#### Productivity

Best practice recommendations to optimise PPE dispensing, improve output and eliminate waste

CLIENT NAME HERE

Vending Implementation

	QTY	PER MONTH	PER YEAR
Savings from Vending		\$0.00	\$0.00
Cost of Vending Machines	0.00	0.00	0.00
Number of Vending Machines	0.00		
Cost to maintain and load products		0.00	0.00
Other fixed costs		0.00	0.00
Other variable costs		0.00	0.00
Total vending expenses		0.00	0.00
Potential savings from implementing vending		0.00	0.00

CLIENT NAME HERE

Waste Management Summary

AREA	CURRENT PRODUCTION DATA	ESTIMATED DATA AFTER RECOMMENDATIONS	ESTIMATED COST SAVINGS
Total Inventory Cost	\$15,000	\$12,000	\$3,000
Total Defects Cost	\$27,000	\$22,000	\$5,000
Total Over Production Cost	\$67,000	\$54,000	\$13,000
Total Transportation Cost	\$55,000	\$48,000	\$7,000
Total Wasting Cost	\$54,000	\$49,000	\$5,000
Total Motion Cost	\$43,000	\$35,000	\$8,000
Total Processing Cost	\$55,000	\$47,000	\$8,000
<b>TOTAL COST OF WASTE</b>	<b>\$211,000</b>	<b>\$207,000</b>	<b>\$4,000</b>

Estimated % Reduction: Waste Management 84%, Waste Management 84%

Estimated Cost Savings: Waste Management \$50,000

Improved productivity

#### Costs

Business performance improvement/ implementation across 7 cost drivers that measure financial progress

CLIENT NAME HERE

Key Findings (Summary)

Upon implementation of Ansell Guardian, our analysis has identified the following areas of improvement:

FINANCIAL \$	METRICS %
Cost Performance: + \$17,500	Cost Performance: +15%
Injury Prevention: - \$98,000	Injury Prevention: -17%
Waste Management: - \$14,000	Waste Management: -24%
Training: - \$22,000	Training: -13%
Controls: - \$15,000	Controls: -19%
SKU Reduction: - \$24,000	SKU Reduction: -7%
Standardization: - \$11,000	Standardization: -5%
<b>TOTAL SAVINGS \$154,500</b>	<b>TOTAL SAVINGS 18%</b>

CLIENT NAME HERE

Cost Performance Summary

CURRENT ANNUAL USAGE					RECOMMENDED ANNUAL USAGE				
Application	Product	Units	Volume	Cost	Application	Product	Units	Volume	Cost
Commodity A	Product A	1000	1000	\$1000	Commodity A	Product A	1000	1000	\$1000
Commodity B	Product B	2000	2000	\$2000	Commodity B	Product B	2000	2000	\$2000
Commodity C	Product C	3000	3000	\$3000	Commodity C	Product C	3000	3000	\$3000
Commodity D	Product D	4000	4000	\$4000	Commodity D	Product D	4000	4000	\$4000
Commodity E	Product E	5000	5000	\$5000	Commodity E	Product E	5000	5000	\$5000
Commodity F	Product F	6000	6000	\$6000	Commodity F	Product F	6000	6000	\$6000
Commodity G	Product G	7000	7000	\$7000	Commodity G	Product G	7000	7000	\$7000
<b>TOTAL</b>		<b>28,000</b>	<b>28,000</b>	<b>\$28,000</b>	<b>TOTAL</b>		<b>28,000</b>	<b>28,000</b>	<b>\$28,000</b>

Estimated Volume Reduction: 74%, 13,700

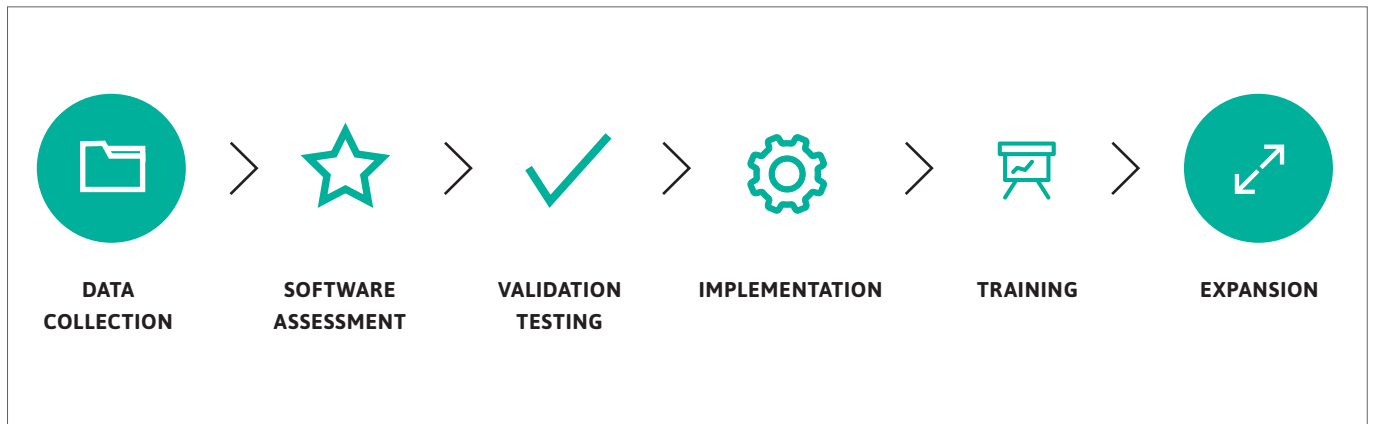
Estimated SKU Reduction: 64%, 8

Estimated Cost Savings: 60%, \$26,100

Lower costs

### What's the process?

By focusing on the most relevant areas, AnsellGUARDIAN® 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.

<h3>Safety and Compliance</h3> <p>AnsellGUARDIAN® helps our customers to improve worker safety and ensure compliance with safety regulations among the workforce.</p>	<p>Reduced injuries by 65%*</p>	<p>Reduced 6,400 major recordable injuries*</p>	<p>Reduced 9,200 first-aid injuries*</p>
<h3>Productivity</h3> <p>AnsellGUARDIAN® helps our customers to find the right PPE solution that allows for increased efficiency, better performance and improved productivity.</p>	<p>Decreased 2,100 references*</p>	<p>Decreased product styles by 25%*</p>	<p>Decreased SKUs by 10%*</p>
<h3>Costs</h3> <p>AnsellGUARDIAN® helps our customers to reduce injuries and follow-up costs, thus optimising your cost performance.</p>	<p>24% cost decrease by standardisation*</p>	<p>\$6.24 million savings in injury reduction*</p>	<p>\$148 million total savings*</p>

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

➤ For more information on AnsellGUARDIAN®, please visit [www.ansell.com/services](http://www.ansell.com/services)

# AnsellGUARDIAN®

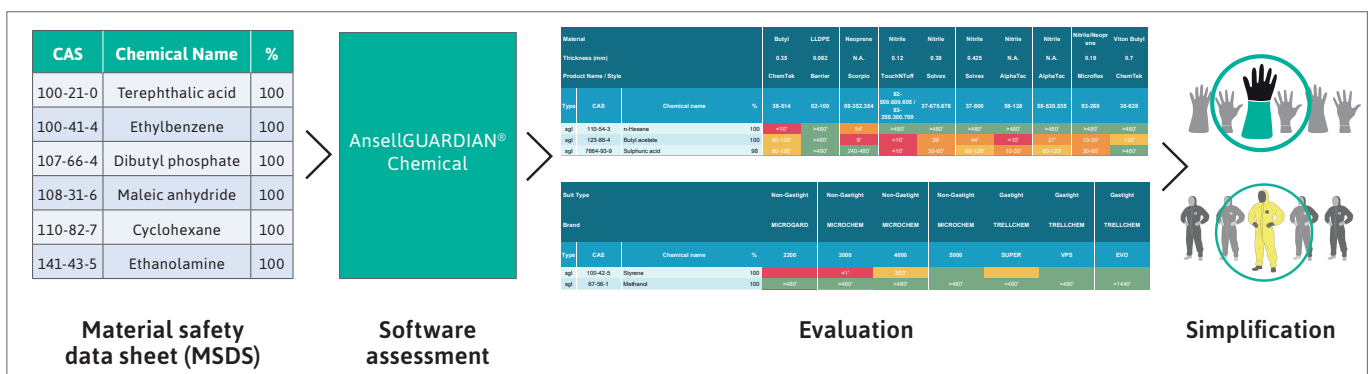
## CHEMICAL GLOVE AND SUIT SELECTION SIMPLIFIED

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



### How AnsellGUARDIAN® Chemical works

AnsellGUARDIAN® 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 AnsellGUARDIAN® specialists or online by using our chemical permeation database. As a result, selecting the right chemical glove and suit has never been easier.



### 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 AnsellGUARDIAN®, please visit [www.ansell.com/services](http://www.ansell.com/services)

## AnsellGUARDIAN® PERSONALISED CHEMICAL ASSESSMENT ANYTIME

AnsellGUARDIAN® Chemical evaluates the resistance of glove and suit materials with your chemicals to offer a personalised assessment with expected permeation breakthrough times. The AnsellGUARDIAN® 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	Permeation Breakthrough Times (min)	
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'

### Clothing

Suit Type		Non-Gastight	Non-Gastight	Non-Gastight	Non-Gastight	Gastight	Gastight	Gastight	Permeation Barrier Performance	
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	>480'	<1'	303'	>480'	>480'	>480'	>1440'
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 breakthrough times $BT_{1.0}$

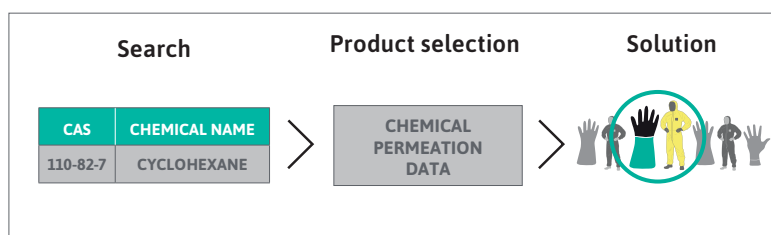
The  $BT_{1.0}$  is the time taken (in minutes) for the chemical in question to be permeating through the material at a rate of  $1.0 \mu\text{g cm}^{-2} \text{min}^{-1}$ . This can be determined using any of the following standard test methods: EN 374-3 and ISO 6529. It is commonly utilised mainly within 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:  
<https://www.ansellguardianpartner.com/>

\* Source: AnsellGUARDIAN® 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
<b>HAND AND ARM PROTECTION</b> 	<b>Mechanical protection</b>	 Multi-purpose	21
		 Oil-repellent	33
		 Cut protection	37
		 Special purpose	54
	<b>Impact protection</b>	 Impact	61
	<b>Chemical and liquid protection</b>	Chemical solutions	78
		Single use solutions	98








## INDUSTRY ICON LEGEND

For every product, check the icons below to know more about the recommended industries. You can also consult our industry guide which provides a selection of products per industry

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

## BRANDS

Our brand portfolio is composed of six core brands: ActivArm<sup>®</sup>, AlphaTec<sup>®</sup>, EDGE<sup>®</sup>, HyFlex<sup>®</sup>, MICROFLEX<sup>®</sup> and TouchNTuff<sup>®</sup>. 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. 108).

Brand	Category	Positioning	Features and benefits
	Specialised protection	ActivArm <sup>®</sup> gloves and safety wear provide protection for risky applications in extreme conditions.	<ul style="list-style-type: none"> <li>Multiple segments                             <ul style="list-style-type: none"> <li>Thermal protection</li> <li>Impact protection</li> </ul> </li> <li>High-risk applications</li> </ul>
	Chemical & liquid protection	AlphaTec <sup>®</sup> gloves and clothing provide complete assurance in chemical-risk environments.	<ul style="list-style-type: none"> <li>Chemical protection</li> <li>Multi-hazard protection technology</li> <li>Wide selection of materials and polymers</li> <li>Supported and unsupported gloves</li> <li>Multi-duty selection</li> <li>Wet/dry grip options for gloves</li> </ul>
	Mechanical, chemical & product/worker protection	EDGE <sup>®</sup> gloves provide dependable, functional and affordable solutions.	<ul style="list-style-type: none"> <li>Mechanical protection</li> <li>Chemical and liquid protection</li> </ul>
	Mechanical Protection	HyFlex <sup>®</sup> gloves and sleeves empower workers to perform safely and productively when faced with industrial risks.	<ul style="list-style-type: none"> <li>Multiple segments                             <ul style="list-style-type: none"> <li>Cut protection</li> <li>Multi-purpose</li> <li>Oil protection</li> </ul> </li> <li>Engineered for comfort</li> </ul>
	Product & worker protection	MICROFLEX <sup>®</sup> 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.	<ul style="list-style-type: none"> <li>Increased barrier integrity (0.65 AQL on many styles)</li> <li>Enhanced strength and durability</li> <li>Dual certification (EN 455 Medical and PPE) on many gloves</li> <li>Wide polymer selection</li> <li>Wide range of colours and sizes</li> </ul>
	Product & worker protection	TouchNTuff <sup>®</sup> disposable gloves provide superior tactility and resilience for work in industrial, lab and controlled environments.	<ul style="list-style-type: none"> <li>Enhanced chemical splash protection</li> <li>Broad clean/sterile offering</li> <li>Silicone-free construction</li> <li>Wide polymer selection</li> </ul>
	Impact Protection	Ringers impact gloves designed for consumers of specific hand safety equipment and engineered with proprietary materials to meet fit, form and function criteria for both niche applications and multipurpose worksites.	<ul style="list-style-type: none"> <li>Impact protection</li> <li>Chemical and liquid protection</li> <li>Cut protection</li> </ul>

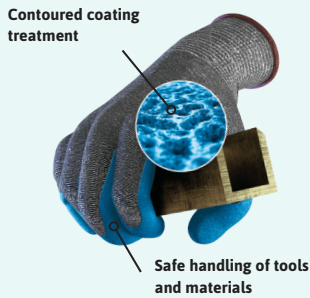
# WORKER EXPERIENCE INNOVATION



## Performance technologies

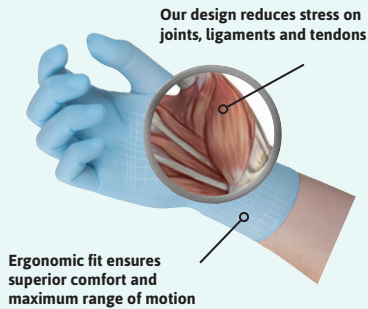
### ANSELL GRIP™ Ansell Grip Technology

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



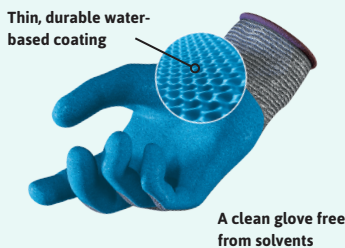
### ERGOFORM™ Ergonomic Design Technology

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



### FORTIX™ Abrasion Resistance Technology

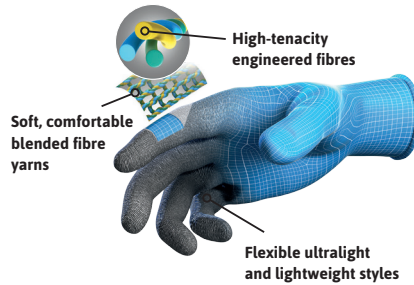
FORTIX™ Technology enhances the coating performance by integrating a resilient polymer formulation throughout the glove coating and/or in targeted high wear areas to extend the working life of the glove while improving worker comfort.



## Protection technologies

### INTERCEPT™ Cut Resistance Technology

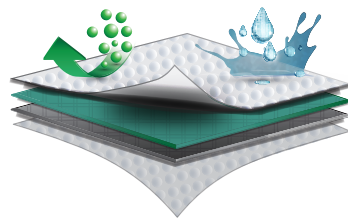
INTERCEPT™ Technology blends engineered, synthetic and natural fibers into high-performance yarns that provide high cut protection in targeted areas of cut risk, along with great comfort and high dexterity.



### MICROCHEM™ Chemical Barrier Technology

MICROCHEM™ Chemical Barrier Technology combines polymers in proprietary blends or multi-layer structures specific to their application, providing superior protection to wearers in Chemical, Biological, Radiological and Nuclear (CBRN) environments.\*

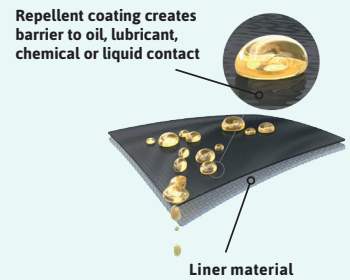
Multi-layer barrier to particulate, liquid and gaseous chemicals



\*Products & materials do not offer protection from ionizing radiation hazards

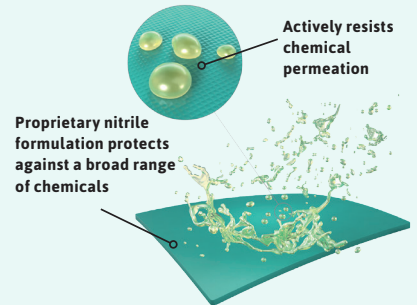
### RIPEL™ Liquid Repellence Technology

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

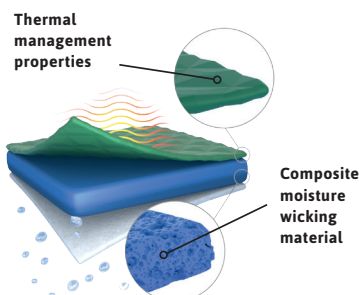
TNT™ Technology is a proprietary polymer formulation that provides superior splash resistance against a wide range of hazardous chemicals, for durable protection with a soft, comfortable feel.



## Comfort technologies

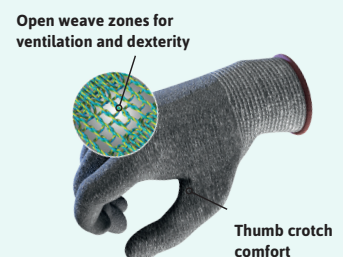
### AQUADRI™ Moisture Management Technology

AQUADRI™ Technology 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™ Technology uses selected yarns and varying knit construction to optimise overall glove fit and enhance hand movement for higher dexterity and reduced fatigue.



## COMPLYING WITH NEW PERSONAL PROTECTIVE EQUIPMENT REGULATION

In February 2016, the European Council and European Parliament amended and approved a new PPE Regulation proposed by the European Commission. Regulation 2016/425 will come into effect on 21<sup>st</sup> April 2018 with a one year transition phase, replacing Directive 89/686/EEC.

The new regulation will now apply to private use as protection against heat (e.g., oven gloves) and to distributors selling PPE products. It provides additional conformity assessment requirements, such as the need for an internal production control system and valid type examination certificates for a maximum of 5 years. The regulation also provides specific requirements for every economic operator involved in the supply chain, as well as additional documentation requirements linked to the instructions for use and conformity declarations.

The new PPE regulation now specifies three categories based on risk definitions.



### Category I

Minimal risk

For PPE of simple design offering protection from low-level risks, (e.g., janitorial gloves) manufacturers are permitted to test and certify PPE themselves.

### Category II

Risks other than those listed in Categories I and III

PPE designed to protect against intermediate risk (e.g., general handling gloves which require cut, puncture, and abrasion protection) must be subjected to independent testing and certification by a notified body. Only these approved bodies may issue a CE mark. Without a proper CE mark, the PPE may not be sold or used. Each notified body has its own identification number. The name and address of the notified body that certifies the product must appear on the instructions for use that will accompany the PPE.



### Category III

Very serious risks, which may cause death or irreversible damage to health

PPE designed to protect against the highest levels of risk (e.g., chemicals, biological agents, electric shock and live working) must also be tested and certified by a notified body. In addition, the quality assurance system used by the manufacturer to guarantee homogeneity of production must be independently checked. The body carrying out this evaluation must also appear on the instructions for use and be identified by a number that appears alongside the CE mark. In this example, the number 0493 represents Centexbel.

## COMPLYING WITH OTHER REGULATIONS

### Ansell and REACH

All Ansell products fully comply with the legal requirements of REACH and its amendments. We ensure the pre-registration of all required chemicals used in our products and are actively looking for ways to replace SVHC chemicals subject to regulation, prior to their restriction or ban.



The Ansell REACH statement can be found on our website and more information is available through the Ansell customer service or regulatory department.

### Authorised Economic Operator (AEO) certification

Ansell Healthcare Europe has been granted AEO as the company is demonstrating the standards for customs compliance, appropriate recordkeeping, financial solvency and, where relevant, appropriate security and safety standards. This certification identifies Ansell as a reliable partner in all our dealings with other companies, but more particularly with customs locally and abroad, speeding up our supply chain with less controls, making it safer as more companies prioritise on inspections and permit requests as well as mutual recognition with C-TPAT, the US' Customs-Trade Partnership Against Terrorism.

## 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	<b>a</b> Abrasion Resistance (Cycles)	100	500	2000	8000	–	
	<b>b</b> Blade Cut Resistance (Coupe Test/Index)	1.2	2.5	5.0	10.0	20.0	
	<b>c</b> Tear Resistance (Newtons)	10	25	50	75	–	
	<b>d</b> 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	<b>e</b> EN ISO Cut Resistance (Newtons)	2	5	10	15	22	30
	<b>f</b> 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									
 EN 374:2003 EN level ≥ 2	<b>Performance levels</b>  <b>Old:</b> 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.  <b>New:</b> 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.	<b>1</b>	<b>2</b>	<b>3</b>					
		4.0	1.5	0.65					
 EN ISO 374-5:2016 VIRUS									
Chemical protection									
 EN 374:2003 XYZ	<b>Old:</b> 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).  <b>New:</b> <b>Type C</b> At least Level 1 performance (more than 10 minutes) against at least one chemical on the list – cuffs are also tested.*  <b>Type B</b> At least Level 2 performance (more than 30 minutes) against at least three chemicals on the list – cuffs are also tested.*  <b>Type A</b> At least Level 2 performance (more than 30 minutes) against at least six chemicals on the list – cuffs are also tested.*	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%					
		<b>Additional chemicals</b> M. Nitric acid 65% N. Acetic acid 99% O. Ammonium hydroxide 25%		P. Hydrogen peroxide 30% S. Hydrofluoric acid 40 % T. Formaldehyde 37%					
		<b>Performance level</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
		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
	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
	A. Convective cold Thermal insulation ITR in m <sup>2</sup> . °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 <sup>2</sup> . °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**

	Gloves protecting from direct contact with radioactive substances.		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**

	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]).
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Stay informed. Visit the Ansell EN Standards Resource Center: [ansell.com/enresourcecenter](http://ansell.com/enresourcecenter)



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

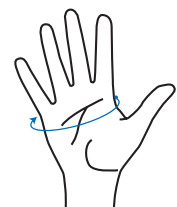
### Glove and sleeve construction

Construction	Description
<b>Knitted undipped</b>	Close fitting ensures good dexterity and improved productivity. Seamless construction avoids hand irritations due to seams.
<b>Knitted dipped</b>	The coating provides enhanced abrasion resistance, grip and/or liquid repellence to the knitted liner, for increased performance and protection.
<b>Cut and sewn, impregnated or coated</b>	By dipping or impregnating the fabric into a synthetic compound, the glove becomes stronger and gains additional abrasion resistance.
<b>Supported</b>	Made by dipping a knitted or woven cloth liner into the glove compound - the liner "supports" the compound and adds strength.
<b>Unsupported</b>	The hand forms are dipped directly in the glove compound with no supporting liner or fabric.
<b>Lined</b>	Lined gloves have an internal knitted or woven liner that adds increased mechanical protection and improved sweat management.
<b>Unlined</b>	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.
<b>Flocked</b>	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
<b>Size</b>	6	7	8	9	10	11
<b>Hand circumference</b>	152 mm	178 mm	203 mm	229 mm	254 mm	279 mm
<b>Cuff colour</b>	Purple	Red	Yellow	Brown	Black	Light blue



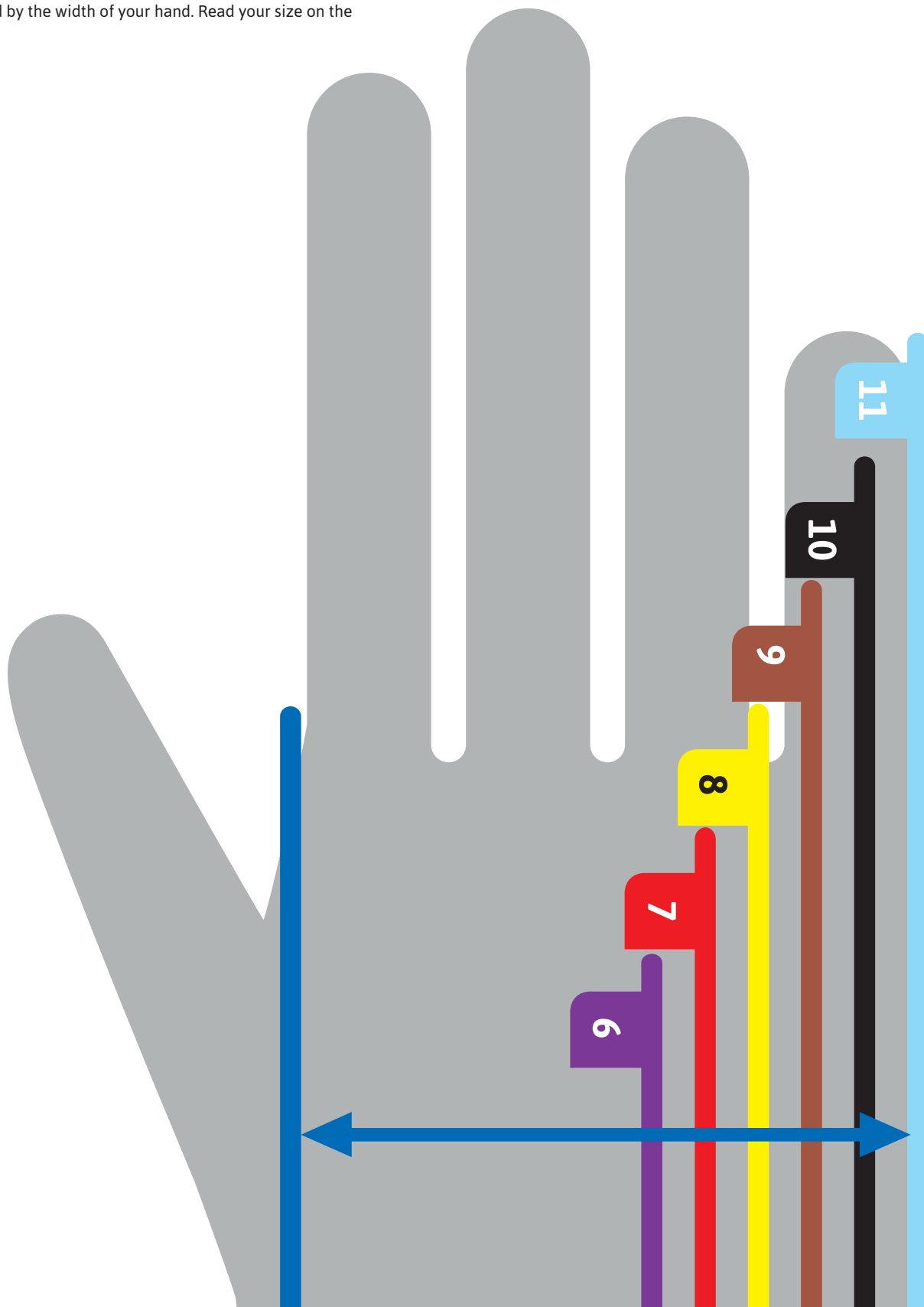
Note: This chart is intended to be used as a guide only.



## 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  
OIL-REPELLENT  
CUT PROTECTION  
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
<b>MECHANICAL PROTECTION</b> 	<b>Multi-purpose</b> Hand protection solutions for situations that demand increased versatility: varying degrees of protection, dexterity and grip for a wide range of applications.	<b>LD</b> Light duty
		<b>MD</b> Medium duty
		<b>HD</b> Heavy duty
	<b>Cut protection</b> 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.	<b>LD</b> Light duty
		<b>MD</b> Medium duty
		<b>HD</b> Heavy duty
	<b>Oil-repellent</b> Multi-purpose or cut resistant gloves for safety and superior grip in moderately oily and slippery environments when handling small or sharp parts.	<b>LD</b> Light duty
		<b>MD</b> Medium duty
		<b>HD</b> Heavy duty
	<b>Special purpose</b> Maximum performance for jobs that require versatile properties including protection against: <ul style="list-style-type: none"> <li>• Electrostatic discharge (ESD)</li> <li>• Electric shock</li> <li>• Vibration</li> <li>• Impact</li> <li>• Heat</li> <li>• Cold</li> </ul>	<b>LD</b> Light duty
		<b>MD</b> Medium duty
		<b>HD</b> 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.

MECHANICAL PROTECTION
CUT PROTECTION **1**
MD Medium duty

HyFlex® 11-724 <b>2</b>		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	6-9	
Length (mm)	230	<b>3</b>
Packaging	12 pairs in a bag; 12 bags in a carton	



**Excellent flexibility and fit with optimal cut protection**

**INDUSTRIES**

**PERFORMANCE RATINGS**

**TECHNOLOGIES**

**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 light 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

**4**

**7**

**8**

**9**

### 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
<b>Acrylic</b>	<ul style="list-style-type: none"> <li>• Comfort</li> <li>• Thermal protection</li> </ul>	<ul style="list-style-type: none"> <li>• Soft, warm and comfortable</li> <li>• Good wicking</li> </ul>
<b>Cotton</b>	<ul style="list-style-type: none"> <li>• Comfort</li> <li>• Thermal protection</li> </ul>	<ul style="list-style-type: none"> <li>• Hypoallergenic, soft, absorbent and comfortable</li> </ul>
<b>Dyneema®/HPPE</b>	<ul style="list-style-type: none"> <li>• Cut protection</li> </ul>	<ul style="list-style-type: none"> <li>• High cut and abrasion resistance</li> <li>• Low-linting</li> <li>• Cool feeling</li> </ul>
<b>Dyneema® Diamond Technology</b>	<ul style="list-style-type: none"> <li>• Cut protection</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent cut resistance achieved with extremely thin fibres</li> </ul>
<b>Glass fibre</b>	<ul style="list-style-type: none"> <li>• Cut protection</li> </ul>	<ul style="list-style-type: none"> <li>• Cut resistant and lightweight</li> </ul>
<b>INTERCEPT™</b>	<ul style="list-style-type: none"> <li>• Cut protection</li> <li>• Comfort</li> </ul>	<ul style="list-style-type: none"> <li>• High cut resistance</li> <li>• Soft and comfortable</li> <li>• High dexterity</li> </ul>
<b>Kevlar®</b>	<ul style="list-style-type: none"> <li>• Comfort</li> <li>• Heat protection</li> </ul>	<ul style="list-style-type: none"> <li>• Versatile and strong to protect from cut and thermal hazards</li> </ul>
<b>Leather</b>	<ul style="list-style-type: none"> <li>• Abrasion</li> <li>• Heat protection</li> </ul>	<ul style="list-style-type: none"> <li>• Very good abrasion resistance</li> <li>• Heat resistance</li> </ul>
<b>Lycra®/Spandex</b>	<ul style="list-style-type: none"> <li>• Comfort</li> </ul>	<ul style="list-style-type: none"> <li>• Outstanding stretchability</li> <li>• Reduce risk for allergies</li> </ul>
<b>Nylon/Polyamide</b>	<ul style="list-style-type: none"> <li>• Comfort</li> </ul>	<ul style="list-style-type: none"> <li>• Strong abrasion resistance</li> <li>• Low-linting</li> </ul>
<b>Polyester</b>	<ul style="list-style-type: none"> <li>• Comfort</li> </ul>	<ul style="list-style-type: none"> <li>• Good tenacity</li> <li>• Abrasion resistance</li> </ul>
<b>Stainless steel</b>	<ul style="list-style-type: none"> <li>• Cut protection</li> </ul>	<ul style="list-style-type: none"> <li>• Very strong and highly cut resistant</li> </ul>
<b>Thermolite®</b>	<ul style="list-style-type: none"> <li>• Thermal protection</li> </ul>	<ul style="list-style-type: none"> <li>• Great thermal insulation in cold environments</li> </ul>

## COATING MATERIALS

Coating materials	Characteristics
<b>Nitrile</b>	<ul style="list-style-type: none"> <li>• Abrasion resistant</li> <li>• Liquid repellent</li> <li>• No strikethrough</li> </ul>
<b>Nitrile foam</b>	<ul style="list-style-type: none"> <li>• Breathable</li> <li>• Abrasion resistant</li> <li>• Dry grip</li> </ul>
<b>Natural rubber latex</b>	<ul style="list-style-type: none"> <li>• Dry and wet grip</li> <li>• Liquid resistant</li> </ul>
<b>Neoprene</b>	<ul style="list-style-type: none"> <li>• Dry, wet and oil grip</li> </ul>
<b>Polyurethane (PU)</b>	<ul style="list-style-type: none"> <li>• Dry grip</li> <li>• Very good abrasion resistance</li> </ul>
<b>Water-based PU</b>	<ul style="list-style-type: none"> <li>• Dry grip</li> <li>• More environmentally friendly (vs. solvent-based PU)</li> <li>• No strikethrough</li> </ul>
<b>PVC</b>	<ul style="list-style-type: none"> <li>• Good abrasion resistance</li> <li>• Dry, wet and oil grip</li> </ul>

## MULTI-PURPOSE SOLUTIONS

Brand	Style	Page
<b>LD Light duty</b>		
HyFlex®	11-100	22
HyFlex®	11-840	23
HyFlex®	11-849	24
HyFlex®	11-600	25
HyFlex®	11-800	26
HyFlex®	11-801	26
HyFlex®	11-812	27
HyFlex®	11-816	27
EDGE®	48-125	28
EDGE®	48-126	28
EDGE®	48-129	28
EDGE®	48-140	28
EDGE®	48-128	29
HyFlex®	48-100	30
HyFlex®	48-135	30
HyFlex®	11-818	31
HyFlex®	11-618	31
HyFlex®	11-819 ESD	32

## OIL-REPELLENT SOLUTIONS

Brand	Style	Page
<b>LD Light duty</b>		
HyFlex®	11-920	33
HyFlex®	11-900	33
EDGE®	48-919	34
EDGE®	48-920	34
ActivArm®	47-200	34
<b>MD Medium duty</b>		
ActivArm® Hylite®	47-402	35
ActivArm® Hylite®	47-409	35
EDGE®	48-929	35
<b>HD Heavy duty</b>		
ActivArm® Hycron®	27-607	36
EDGE®	48-500	36



HyFlex® 11-100

MULTI-PURPOSE/LIGHT DUTY

Touchscreen Compatible  
For use with a wide range  
of devices

The permanently bonded  
antimicrobial technology  
resists odours, stains, and  
the active presence of  
microorganisms like bacteria,  
fungi, viruses and mold.

Comfortable, breathable  
mechanical protection

Will actively self-cleanse to  
stop microbes which come  
in contact with the glove,  
providing 360° antimicrobial  
protection on both the liner  
& coating



<b>Construction</b>	Knitted
<b>Liner material</b>	Conductive fibre, Nylon
<b>Coating material</b>	Foam nitrile
<b>Finishing</b>	Palm coated
<b>Gauge</b>	13
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	205 - 275
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton

Antimicrobial Protection for High-Traffic Touch Points

DESCRIPTION

- The only industrial glove designed with Ionic+™, an EPA-registered antimicrobial technology - EPA Registration #70927-6
- Self-Sanitizing 360°C antimicrobial protection of both the liner and coating
- Ionic+™ is permanent and lasts the life of the product
- The HyFlex® 11-100 glove is especially designed for microelectronic work where electrostatic discharge (ESD) must be avoided
- The thin design improves the handling of ever-smaller components
- The nitrile foam coating helps prevent fingerprints on components and ensures that surfaces stay clean and uncontaminated

Remark: fit for special purpose

IDEAL APPLICATIONS

- Controlled-environment rooms
- Electronic manufacture
- Pre- and post-painting areas

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



TECHNOLOGIES



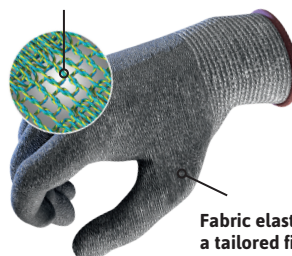
ionic+ Antimicrobial Technology



EXTRA FEATURES



Open weave zones for  
ventilation and dexterity



Fabric elasticity for  
a tailored fit

SCAN QR CODE FOR INFO



HyFlex® 11-840 MULTI-PURPOSE/LIGHT DUTY

Ultimate durability for extended glove wear in abrasive applications

Form-fitting liner delivers excellent comfort and adjustment

Enhanced breathability for cooler hands



<b>Construction</b>	Knitted
<b>Liner material</b>	Nylon, Spandex
<b>Coating material</b>	Foam nitrile
<b>Finishing</b>	Palm coated
<b>Gauge</b>	15
<b>Cuff style</b>	Knitwrist
<b>Size</b>	5, 6, 7, 8, 9, 10, 11, 12
<b>Length (mm)</b>	200 - 270
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton

**Extreme durability and superior fit for precision handling in abrasive applications**

**DESCRIPTION**

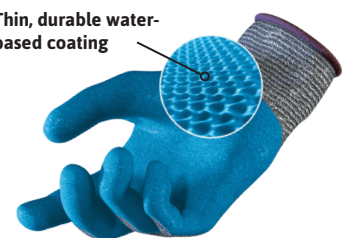
- The tough 1.25 mm patented FORTIX™ nitrile foam coating offers outstanding abrasion performance, extending durability in light duty applications
- The FORTIX™ coating is more breathable than earlier formulations, for cooler, drier hands and less sweat
- Matching the natural contours of the hand, the 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

Thin, durable water-based coating



A clean glove free from solvents



**INDUSTRIES**



**CATEGORY II**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**TECHNOLOGIES**





HyFlex® 11-849

MULTI-PURPOSE/LIGHT DUTY

Dermatologically tested

Thin FORTIX™ foam nitrile coating allowing breathability while offering extreme durability



Perfect fit for optimal comfort  
Spandex reinforcement and ergonomic design

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

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 optimise worker performance

IDEAL APPLICATIONS

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES

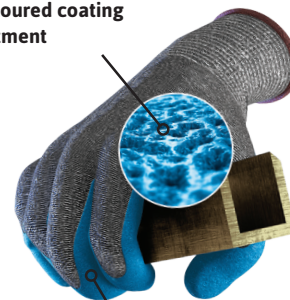


Anti-static  
EN 1149

TECHNOLOGIES



Contoured coating treatment



Safe handling of tools and materials



HyFlex® 11-600

MULTI-PURPOSE/LIGHT DUTY



<b>Construction</b>	Knitted
<b>Liner material</b>	Nylon
<b>Coating material</b>	Polyurethane
<b>Finishing</b>	Palm coated
<b>Gauge</b>	15
<b>Cuff style</b>	Knitwrist
<b>Size</b>	5, 6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	210 - 260
<b>Packaging</b>	12 pairs in a polybag; 12 polybags in a carton

**The right balance between dexterity and sensitivity for the most delicate handling**

**DESCRIPTION**

- HyFlex® 11-600 glove is designed for intricate tasks in dry environments that require maximal levels of dexterity
- Fingertip-dipped version for precision handling and maximum breathability
- Offered in white for dirt-sensitive applications or in black for environments that present some level of dirt

Remark: fit for special purpose

**IDEAL APPLICATIONS**

- Picking and fitting of small pieces such as small bearings, joints and springs
- Light-assembly tasks
- Inspecting and packing
- Delicate manipulation

**INDUSTRIES**



**CATEGORY II**

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



Silicone-free



**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**



**TECHNOLOGIES**



**EXTRA FEATURES**



**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

**IDEAL APPLICATIONS**

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

Remark: fit for special purpose

**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**



**TECHNOLOGIES**



**EXTRA FEATURES**



**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

**IDEAL APPLICATIONS**

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

Remark: fit for special purpose

**HyFlex® 11-812**

**MULTI-PURPOSE/LIGHT DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	Nylon, Spandex
<b>Coating material</b>	Foam nitrile
<b>Finishing</b>	Palm coated
<b>Gauge</b>	18
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10
<b>Length (mm)</b>	200 - 250
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**TECHNOLOGIES**



**EXTRA FEATURES**



**Designed to easily tear apart at multiple high risks areas**

**DESCRIPTION**

- The only ultra-thin assembly glove designed to easily tear apart at multiple high risks areas
- Ultra-thin liner delivers extreme tactility when high degree of precision is required
- ZONZ™ Comfort Fit Technology offers extreme breathability to keep hands cool and comfortable

**IDEAL APPLICATIONS**

- Final assembly
- Light assembly application requiring a high degree of precision

Remark: fit for special purpose

**HyFlex® 11-816**

**MULTI-PURPOSE/LIGHT DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	Nylon, Spandex
<b>Coating material</b>	Foam nitrile
<b>Finishing</b>	Palm dipped
<b>Gauge</b>	18
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	219 - 261
<b>Packaging</b>	12 pairs in a polybag; 12 polybags in a carton



**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**TECHNOLOGIES**



**EXTRA FEATURES**



**The ideal balance of comfort, tactility and durability**

**DESCRIPTION**

- Ultra-thin ergonomic design provides extreme tactility to handle small parts easily
- Dermatologically tested, solvent-free and Oeko-Tex® certified for no harmful substances
- FORTIX™ Abrasion Resistance Technology delivers extended wear time for enhanced worker safety and productivity.

**IDEAL APPLICATIONS**

- Finishing works
- Picking and fitting small pieces
- Final assembly, electrical engines, wire harness assembly
- Light assembly applications requiring a high degree of precision

Remark: fit for special purpose



## EDGE® 48-125/48-126/48-129

## MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Polyester
Coating material	Polyurethane
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	220 - 270
Packaging	12 pairs in a bag; 12 bags in a carton

## INDUSTRIES



## CATEGORY II

## PERFORMANCE RATINGS



EDGE® 48-125



EDGE® 48-126



EDGE® 48-129

## Economical solution for light applications

## DESCRIPTION

- Good level of abrasion and tear resistance, good grip, improved productivity
- White glove (48-125) shows dirt contamination more quickly
- Black glove (48-126) shows dirt less, gloves are discarded less quickly
- Seamless structure; ensures comfort and encourages safety and glove usage

## IDEAL APPLICATIONS

- Assembly of small parts
- General handling
- Packaging
- Quality control

## EDGE® 48-140

## MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Carbon fiber, Polyester
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 bags in a carton

## INDUSTRIES



## CATEGORY II

## PERFORMANCE RATINGS



## EXTRA FEATURES



Anti-static



## Electrostatic dissipative as per EN1149 at a reasonable price

## DESCRIPTION

- The EDGE® 48-140 glove is made of a seamless 13 gauge polyester & carbon fiber liner, with polyurethane palm coating
- Electrostatic discharge product protection due to presence of carbon fiber
- The coated palm also prevents the transfer of perspiration to the electronic part
- EDGE® 48-140 is the practical choice for light applications where assembly & handling tasks in electronic/electrical industries
- EDGE® 48-140 EN1149-3: Charge Decay T50 < 0.01 seconds

## IDEAL APPLICATIONS

- Assembly of dashboard, cables and wires
- Assembly of electronic components and mother boards
- Handling the compact disks, assembly and repair work in electronics and telecommunications

**EDGE® 48-128**

**MULTI-PURPOSE/LIGHT DUTY**



<b>Construction</b>	Knitted
<b>Liner material</b>	Polyester
<b>Coating material</b>	Nitrile
<b>Finishing</b>	Palm coated
<b>Gauge</b>	13
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	220 - 270
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton

**An economical solution for light applications**

**DESCRIPTION**

- Very light and comfortable
- High level of dexterity and flexibility
- Good level of abrasion and oil resistance
- Dark glove shows dirt contamination less quickly

**IDEAL APPLICATIONS**

- Assembly of small parts
- General handling
- Packaging
- Quality control

**INDUSTRIES**



**CATEGORY II**

**PERFORMANCE RATINGS**





## HyFlex® 48-100

(ex-Sensilite® 48-100)

### MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Nylon
Coating material	Polyurethane
Finishing	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



### Comfort and protection for lightweight applications

#### INDUSTRIES



#### CATEGORY II

#### PERFORMANCE RATINGS



#### 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® 48-100 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

#### IDEAL APPLICATIONS

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

Remark: fit for special purpose

## HyFlex® 48-135

(ex-Sensilite® 48-135)

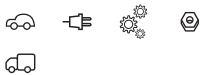
### MULTI-PURPOSE/LIGHT DUTY

Construction	Knitted
Liner material	Carbon fibre, Nylon
Coating material	Polyurethane
Finishing	Fingertip coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	190 - 240
Packaging	12 pairs in a bag; 12 bags in a carton



### Electrostatic discharge protection at a reasonable price

#### INDUSTRIES



#### CATEGORY II

#### PERFORMANCE RATINGS



#### EXTRA FEATURES



#### DESCRIPTION

- HyFlex® 48-135 meet most electrostatic discharge protection needs, providing a comfortable glove at a reasonable price
- The 15-gauge nylon liner provides flexibility and dexterity, while the added carbon fibre offers an economical product protection solution
- Fingertip-dipped version that allows for better fit and flexibility; the coated fingertip also prevents the transfer of perspiration to the electronic part

#### IDEAL APPLICATIONS

- Final assembly of dashboard, cables and wires
- Final assembly of electronic components and motherboards
- Delicate manipulation
- Fine assembly of dry parts

Remark: fit for special purpose

**HyFlex® 11-818** MULTI-PURPOSE/LIGHT DUTY

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



**Barehand-like comfort and tactility with high durability**

**INDUSTRIES**



**CATEGORY II**

**TECHNOLOGIES**



**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**DESCRIPTION**

- The seamless 18 gauge nylon and spandex liner combined with an ultra-thin coating on these work gloves provide a bare hand feel for workers who rely on fingertip sensitivity for precision tasks
- The FORTIX™ nitrile patent-pending foam coating on these industrial working gloves lasts longer than comparable styles under abrasive conditions reducing the total cost of ownership
- Ansell ZONZ™ Comfort Fit Technology optimises the knitting in selected zones of the liner improving support, breathability and range of movement

**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® 11-618** MULTI-PURPOSE/LIGHT DUTY

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



**The reference for tactility, dexterity and flexibility**

**INDUSTRIES**

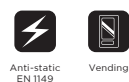


**CATEGORY II**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**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 11-618 dark liners are well-suited for environments that present a certain degree of dirt

**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

Remark: fit for special purpose



HyFlex® 11-819 ESD

MULTI-PURPOSE/LIGHT DUTY



<b>Construction</b>	Knitted
<b>Liner material</b>	Nylon, carbon, spandex
<b>Coating material</b>	FORTIX™ Foam Nitrile
<b>Finishing</b>	Palm coated
<b>Gauge</b>	18
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	195 - 255
<b>Packaging</b>	12 pairs in a polybag; 12 polybags in a carton

**The perfect combination of comfort, dexterity with ESD/ touchscreen compatibility**

**DESCRIPTION**

- HyFlex® 11-819 is a safety glove with ESD functionality certified to EN 16350:2014, protecting products against electrostatic discharge. In addition, as part of a grounding chain, they can be used in explosion hazard zones (ATEX ATmosphères EXplosives).
- It's touchscreen functionality allows the wearer to work with multiple touchscreen devices while keeping safety gloves on
- The FORTIX™ nitrile foam coating offers excellent grip and long lasting protection, reducing the total cost of ownership
- The seamless 18 gauge nylon and spandex liner combined with the ultra-thin FORTIX™ coating provides protection while maintaining bare hand sensitivity for tasks that require dexterity and precision
- The careful selection of materials, the Ansel ZONZ™ Comfort Fit Technology and proprietary washing process makes the HyFlex® 11-819 a clean, ultra breathable and highly comfortable glove
- Dermatologically approved by Dermatest® and certified by OEKO-TEX®

**INDUSTRIES**



**CATEGORY II**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**TECHNOLOGIES**



**IDEAL APPLICATIONS**

- General handling
- Mounting and dismantling
- Machine tool operation
- Quality inspection
- Applications requiring dexterity and precision
- Compatible with consumer and industrial touchscreens
- Environments requiring ESD protection
- Warehouse and logistics operations



**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



**An outstanding combination of excellent grip and strong oil repellence**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**TECHNOLOGIES**



**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® 11-900**

**OIL-REPELLENT/LIGHT DUTY**

Construction	Knitted
Liner material	Nylon
Coating material	Nitrile
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10
Length (mm)	200 - 255
Packaging	12 pairs in a bag; 12 bags in a carton



**Great dexterity and tactility in an oil-repellent glove**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**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



## EDGE® 48-919/48-920

## OIL-REPELLENT/LIGHT DUTY

Construction	Knitted
Liner material	Polyester
Coating material	Nitrile
Finishing	<b>48-919:</b> Rough (palm), Fully coated <b>48-920:</b> Rough (palm), Palm coated
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	220 - 270
Packaging	12 pairs in a bag; 12 bags in a carton

## INDUSTRIES



## CATEGORY II

## PERFORMANCE RATINGS



HyFlex® 48-919



HyFlex® 48-920

## Cost effective solution for light weight applications requiring a durable coating and secure grip in oily environments

## DESCRIPTION

- Light duty multi-purpose industrial gloves
- Made of a seamless liner, dipped into nitrile coating
- The gloves are dipped to provide skin protection against industrial fluid exposure and oil contamination
- The rough nitrile coating ensures high secure grip in oily environments
- For workers handle small and medium-sized components coated with oil or lubricant

## IDEAL APPLICATIONS

- Assembly of oily components
- Assembly of white goods
- General site & factory maintenance
- Light metal fabrication and handling
- Quality control

ActivArm® 47-200  
(ex-Easy Flex®)

## OIL-REPELLENT/LIGHT DUTY

Construction	Cut and sewn
Liner material	Interlock cotton
Coating material	Nitrile
Finishing	¾ coated
Cuff style	Knitwrist
Size	7, 8, 9, 10
Length (mm)	270
Packaging	12 pairs in a bag; 12 bags in a carton

## INDUSTRIES



## CATEGORY II

## PERFORMANCE RATINGS



## EXTRA FEATURES



Silicone-free



## A versatile and more durable alternative to cotton gloves

## DESCRIPTION

- The coolness and comfort of cotton, but with far superior grip making it easier and safer to handle smooth objects like boxes or appliances
- Much better resistance to snags, puncture and abrasion compared to ordinary cotton gloves
- Nitrile coating repels oil and grease

## IDEAL APPLICATIONS

- Appliance manufacturing
- Textile manufacturing: threads, fabrics, mattresses and cables
- Component assembly
- Transmission and motor assembly
- Packaging
- Shipping and receiving

**ActivArm® Hylite® 47-402/47-409**  
(ex-Hylite®)

**OIL-REPELLENT/MEDIUM DUTY**

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

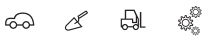


**ActivArm® Hylite® 47-402**

**ActivArm® Hylite® 47-409**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



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

**EDGE® 48-929**

**OIL-REPELLENT/MEDIUM DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	Spandex, Glass Fiber, Polyethylene
<b>Coating material</b>	Nitrile
<b>Finishing</b>	Rough (palm), Fully coated
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	220 - 270
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



**Cost effective solution for medium weight applications requiring cut resistance, excellent grip and strong oil-repellence**

**DESCRIPTION**

- Made of a seamless liner, fully dipped into nitrile coating
- The gloves is fully nitrile dipped to protect skin from oil contamination
- The palm rough nitrile coating ensures high secure grip in oily environments
- For workers handle small and medium-sized sharp components coated with oil or lubricant

**IDEAL APPLICATIONS**

- Cutting, grinding, machining
- General assembly & maintenance
- Handling of glass, metal, plastics
- Handling sharp oily objects
- Stamping operations

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**





## ActivArm<sup>®</sup> Hycron<sup>®</sup> 27-607 (ex-Hycron<sup>®</sup> 27-607)

### OIL-REPELLENT/HEAVY DUTY

Construction	Cut and sewn
Liner material	Cotton jersey
Coating material	Nitrile
Finishing	¾ coated
Cuff style	Safety cuff
Size	8, 9, 10, 11
Length (mm)	240 - 270
Packaging	12 pairs in a bag; 12 bags in a carton

#### INDUSTRIES



#### CATEGORY II

#### PERFORMANCE RATINGS



4X21B

#### EXTRA FEATURES

Anti-static  
EN 1149

Latex-free



Silicone-free



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

## EDGE<sup>®</sup> 48-500

### OIL-REPELLENT/HEAVY DUTY

Construction	Cut and sewn
Liner material	Cotton
Coating material	Nitrile
Finishing	Fully coated
Cuff style	Safety cuff
Size	8, 9, 10, 11
Length (mm)	275 - 290
Packaging	12 pairs per bag; 6 bags per carton

#### INDUSTRIES



#### CATEGORY II

#### PERFORMANCE RATINGS



4111B

#### EXTRA FEATURES

Anti-static  
EN 1149

Latex-free



Cost effective solutions for heavy handling

#### DESCRIPTION

- A cost effective solution for heavy weight applications requiring a good level of abrasion resistance along with liquid repellency
- Nitrile dipped cut and sew glove for heavy handling offering good resistance to abrasive material
- Stronger and more flexible than PVC, provides a good barrier to grease and oil and does not degrade like leather or latex
- The economical choice for a heavy-duty glove solution with quality features

#### IDEAL APPLICATIONS

- Cold plastic mouldings
- Heavy duty cables
- Rough casting and cores
- Steel bars, sheet metals, cans and other metal products
- Street cleaning and refuse collection

## CUT PROTECTION SOLUTIONS

Brand	Style	Page
<b>CUT LEVEL B</b>		
HyFlex®	11-724	39
HyFlex®	11-644	39
HyFlex®	11-550	40
HyFlex®	11-423	40
ActivArmr®	80-100	41
EDGE®	16-500	41
EDGE®	48-305	42
EDGE®	48-701	42
EDGE®	48-702	43
<b>CUT LEVEL C</b>		
HyFlex®	11-735	44
HyFlex®	11-738	44
EDGE®	48-700	45
EDGE®	48-705	45
EDGE®	48-706	46
EDGE®	48-225	46
ActivArmr®	80-600	47
<b>CUT LEVEL D</b>		
HyFlex®	11-501	48
HyFlex®	11-541	48
EDGE®	48-710	49
EDGE®	48-703	49
<b>CUT LEVEL E</b>		
ActivArmr®	80-658	50
<b>CUT LEVEL F</b>		
HyFlex®	11-542	51
HyFlex®	74-500	51
<b>Sleeves</b>		
HyFlex®	11-280	52
HyFlex®	11-281	52
HyFlex®	70-138	53
HyFlex®	11-200	53



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**HyFlex®**

**HyFlex® 11-724**

**CUT PROTECTION/MEDIUM DUTY**

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



**Excellent flexibility and fit with optimal cut protection**

**INDUSTRIES**



**CATEGORY II**

**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

**IDEAL APPLICATIONS**

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

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



Remark: fit for special purpose

**TECHNOLOGIES**



**HyFlex® 11-644**

**CUT PROTECTION/MEDIUM DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	Seamless plaited liner with INTERCEPT™ TECHNOLOGY yarn
<b>Coating material</b>	Polyurethane
<b>Finishing</b>	Palm coated
<b>Gauge</b>	10
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	215 - 267
<b>Packaging</b>	12 pairs in a polybag; 12 polybags in a carton



**Safety, durability and comfort combined**

**INDUSTRIES**



**CATEGORY II**

**DESCRIPTION**

- Enhanced cut protection, wear life, and comfort with a high level of dexterity
- High dexterity with longer wear due to low palm weight and excellent abrasion resistance
- Available in a broad range of sizes to fit all workers from 5-12 (XS-XXXL)
- Also available in vend pack

**IDEAL APPLICATIONS**

- Press shop operations
- Handling metal sheets & panels
- Handling parts with sharp, rough edges
- Seizing structural and body parts
- Inspection (picking, checking and marking)
- Feeding the press and removing spare parts from it
- Cutting glasses, sheets, panels

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**TECHNOLOGIES**





## HyFlex® 11-550

## CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Ansell INTERCEPT™ Technology, Nylon, Lycra®
Coating material	Nitrile
Finishing	Palm coated
Gauge	15
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	196 - 248
Packaging	12 pairs in a bag; 12 bags in a carton

## INDUSTRIES



## CATEGORY III

## PERFORMANCE RATINGS



## EXTRA FEATURES

## TECHNOLOGIES



## High comfort cut protection with up to 75% more durability\*

## DESCRIPTION

- Well-suited for a broad range of assembly applications
- Designed for dry or slightly oily applications where workers need cut protection, and in some cases, protection from intermittent contact heat up to 100° C
- Offers optimal comfort and a secure grip for enhanced productivity, safety, and value

## IDEAL APPLICATIONS

- General assembly
- General maintenance
- Inspection
- Light assembly of oil-coated pieces
- Material handling
- Plastics injection and moulding

\*vs. Comparable ANSI cut level A2 Para-Aramid gloves. Based on ANSI & EN388 Abrasion testing 2018.

## HyFlex® 11-423

## CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Seamless liner with INTERCEPT™ Technology yarn
Coating material	Water-based polyurethane, Nitrile
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	220 - 260
Packaging	12 pairs in a bag; 12 bags in a carton

## INDUSTRIES



## CATEGORY III

## PERFORMANCE RATINGS



## EXTRA FEATURES

## TECHNOLOGIES



## Designed to make the selection of hand protection easy

## DESCRIPTION

- Good abrasion and cut resistance in a very comfortable glove
- Water-based, environmentally friendly coating
- Intermittent contact heat resistant up to 100° C
- These gloves feature an indicator button (orange) which belongs to a range of color codes to easily identify the cut level: 1 (green), 3 (orange), 5 (red)

## IDEAL APPLICATIONS

- Assembly of metal parts and components
- Assembly of white goods
- Cutting small dry or lightly oiled parts
- Finishing works
- Maintenance
- Plastics injection and moulding



**ActivArm® 80-100**  
(ex-Powerflex®)

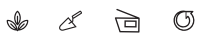
**CUT PROTECTION/HEAVY DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	Cotton, Polyester
<b>Coating material</b>	Natural rubber latex
<b>Finishing</b>	Palm coated
<b>Gauge</b>	10
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	250 - 280
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**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 ActivArm® 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

**EDGE® 16-500**

**CUT PROTECTION/HEAVY DUTY**

<b>Construction</b>	Cut and sewn
<b>Liner material</b>	Interlock cotton
<b>Coating material</b>	Natural rubber latex
<b>Finishing</b>	¾ coated
<b>Cuff style</b>	Knitwrist
<b>Size</b>	7, 8, 9, 10
<b>Length (mm)</b>	230 - 260
<b>Packaging</b>	1 pair in a non-printed bag; 12 pairs in a master bag; 72 pairs in carton



**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**



**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

**IDEAL APPLICATIONS**

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



**EDGE® 48-305**

**CUT PROTECTION/MEDIUM DUTY**

Construction	Knitted
Liner material	Polyester
Coating material	Natural rubber latex
Finishing	Palm coated
Gauge	10
Cuff style	Knitwrist
Size	7, 8, 9, 10
Length (mm)	220 - 270
Packaging	12 pairs in a bag; 12 bags in a carton



**An economical solution to replace medium weight leather or thick cotton gloves**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**



**DESCRIPTION**

- Good dexterity and flexibility
- Good level of abrasion resistance compared to other types of latex coated gloves
- Good level of tear resistance
- Sure grip in dry and wet environments

**IDEAL APPLICATIONS**

- General handling
- Packaging
- Refuse collection
- Shipping and receiving

**EDGE® 48-701**

**CUT PROTECTION/MEDIUM DUTY**

Construction	Knitted
Liner material	HPPE, Spandex, Polyester
Coating material	Polyurethane
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	5, 6, 7, 8, 9, 10, 11, 12
Length (mm)	220 - 270
Packaging	12 pairs in a bag; 12 bags in a carton



**Cost effective solutions for medium weight applications**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



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

**EDGE® 48-702**

**CUT PROTECTION/MEDIUM DUTY**



<b>Construction</b>	Knitted
<b>Liner material</b>	HPPE, Nylon, Polyester, Spandex
<b>Coating material</b>	Nitrile
<b>Finishing</b>	Palm coated
<b>Gauge</b>	13
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	220 - 270
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton

**Cost effective solution for medium weight applications requiring cut and abrasion resistance in dry or slightly oily environments**

**DESCRIPTION**

- Made of a seamless liner, palm dipped into micro-foam nitrile coating
- The micro-foam nitrile coating provides excellent tactile sensitivity and dexterity vs. foam nitrile coating
- The micro-foam nitrile coating provides a good grip and excellent abrasion resistance, compatible with slight oil
- Very comfortable to wear, the breathable coating keeps hands cool and dry

**IDEAL APPLICATIONS**

- Assembling metal parts and components
- Assembly of white goods
- Cutting small dry or lightly oiled parts
- Finishing works
- General maintenance

**INDUSTRIES**



**CATEGORY II**

**PERFORMANCE RATINGS**





## HyFlex® 11-735

## 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)	215 - 267
Packaging	12 pairs in a bag; 12 bags in a carton



**INDUSTRIES**



**CATEGORY II**

**TECHNOLOGIES**



**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**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

**IDEAL APPLICATIONS**

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

Remark: fit for special purpose

## HyFlex® 11-738

## CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	Nylon, Lycra®, Glass Fiber, INTERCEPT™
Coating material	Water-Based Polyurethane, Nitrile
Finishing	Palm coated
Gauge	13
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	225 - 275
Packaging	12 pairs in a bag; 12 bags in a carton



**The 1st INTERCEPT™ cut resistant glove with targeted reinforcement in high wear areas**

**DESCRIPTION**

- Made with water-based polyurethane for enhanced comfort and dexterity. Solvent-free and Oeko-Tex® 100 Certified
- INTERCEPT™ Cut Resistance Technology for extreme cut protection
- FORTIX™ Technology provides extended use with up to 4x the durability in the thumb crotch region versus the standard glove without thumb crotch reinforcement

**IDEAL APPLICATIONS**

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

**INDUSTRIES**



**CATEGORY II**

**TECHNOLOGIES**



**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**EDGE® 48-700**

**CUT PROTECTION/MEDIUM DUTY**

<b>Construction</b>	Knitwrist
<b>Liner material</b>	Polyethylene yarn, Glass fiber, Polyester, Spandex
<b>Finishing</b>	Uncoated
<b>Gauge</b>	13
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10
<b>Length (mm)</b>	210 - 250
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



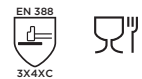
**High level of cut and abrasion resistance with high comfort and dexterity**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**



**DESCRIPTION**

- Good level of dexterity and flexibility
- High level of cut & abrasion resistance
- May be used as a liner under another glove
- Reinforced thumb crotch for longer performance

**IDEAL APPLICATIONS**

- Slicing, cutting and shopping
- Cleaning and changing slicer blades in delis and supermarkets
- Defeathering and skinning
- Assembly and finishing
- Body assembly
- Machine tool operation
- Sheet metals and metalwork

**EDGE® 48-705**

**CUT PROTECTION/MEDIUM DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	Glass fiber, HPPE, Nylon, Spandex
<b>Coating material</b>	Polyurethane
<b>Finishing</b>	Palm coated
<b>Gauge</b>	13
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	220 - 270
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



**Cost effective solutions for medium weight applications**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**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

## CUT PROTECTION/MEDIUM DUTY

Construction	Knitted
Liner material	HPPE, Glass fiber, Nylon, Polyester, Spandex
Coating material	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 polybag; 12 polybags in a carton



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

## INDUSTRIES



## CATEGORY II

## PERFORMANCE RATINGS



## DESCRIPTION

- High durability nitrile foam coating
- Excellent comfort and dexterity
- High level of cut performance EN ISO level C cut performance
- Excellent abrasion resistance
- Breathable liner that allow very high level of comfort for end users
- Good level of grip in dry and slightly oily environments

## IDEAL APPLICATIONS

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

## EDGE® 48-225

## CUT PROTECTION/MEDIUM DUTY

Construction	Seamless knitted
Liner material	Para-aramid yarn
Finishing	Uncoated
Gauge	7
Cuff style	Elasticized knitted wrist
Size	6, 7, 8, 9
Length (mm)	215 - 248
Packaging	12 pairs/master polybag 144 pairs/master carton



**Cost effective solution for medium weight applications requiring cut & heat protection**

## INDUSTRIES



## CATEGORY III

## PERFORMANCE RATINGS



## DESCRIPTION

- Made from 100% para-aramid yarn
- EN ISO 13997 rated level C provides a good level of cut resistance
- The reinforced thumb welt increase the glove durability
- Ambidextrous, no need to pair therefore, more economical

## IDEAL APPLICATIONS

- Final assembly
- Handling & assembly of small or ultra-fine sharp parts
- Injection molding parts assembly
- Machining - special metal blends
- Packaging areas with risk of cut
- Stamping - light & dry
- Wire assembly & fastening

ActivArm® 80-600

CUT PROTECTION/HEAVY DUTY



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

**Excellent cut resistance and grip**

**DESCRIPTION**

- Designed with Kevlar®, Ansell’s ActivArm® 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 ActivArm® 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

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**TECHNOLOGIES**



**Kevlar.**



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	6, 7, 8, 9, 10
Length (mm)	203 - 255
Packaging	12 pairs in a bag; 12 bags in a carton



Superior cut protection and dexterity in a versatile glove

INDUSTRIES



CATEGORY III

PERFORMANCE RATINGS



TECHNOLOGIES



EXTRA FEATURES



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

IDEAL APPLICATIONS

- Body assembly
- Glass manufacturing
- Press and stamping

Remark: fit for special purpose

HyFlex® 11-541

CUT PROTECTION/LIGHT DUTY

Construction	Knitted
Liner material	Kevlar®, Nylon, Spandex, Stainless steel
Coating material	Foam nitrile
Finishing	Palm coated
Gauge	18
Cuff style	Knitwrist
Size	6, 7, 8, 9, 10, 11
Length (mm)	196 - 250
Packaging	12 pairs in a bag; 12 bags in a carton



Exceptional grip performance in a comfortable, lightweight cut resistant glove

INDUSTRIES



CATEGORY III

PERFORMANCE RATINGS



TECHNOLOGIES



EXTRA FEATURES



DESCRIPTION

- Ultralight weight glove that offers unparalleled dexterity and refined mobility
- ZONZ™ knitting technology uses selected yarns and varying stitch designs to tailor overall glove fit to enhance hand movement for higher dexterity and reduced fatigue
- Silicone free design is paint and finish process friendly
- Dirt masking palm for longer wear times

IDEAL APPLICATIONS

- Handling metal sheets & panels
- Handling parts with sharp, rough edges
- Final assembly
- Handling materials with sharp or rough edges



**EDGE® 48-710**

**CUT PROTECTION/HEAVY DUTY**

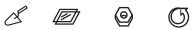
<b>Construction</b>	Knitted
<b>Liner material</b>	Polyester
<b>Coating material</b>	Natural rubber latex
<b>Finishing</b>	Palm coated
<b>Gauge</b>	10
<b>Cuff style</b>	Knitwrist
<b>Size</b>	7, 8, 9, 10
<b>Length (mm)</b>	220 - 270
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



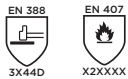
**Cost effective solution for heavy weight applications requiring high cut & puncture resistance, and good grip in dry or wet environments**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**



**DESCRIPTION**

- The seamless construction avoids irritation.
- Para-aramid yarn ensures high level of cut resistance and good level of heat contact performance
- Wrinkle latex coating offers excellent grip performance
- 3/4' dipped coating delivers a perfect balance of protection and comfort
- In compliance with the standards EN420 (General requirements) and EN388 (Mechanical hazards)
- Elastic knitwrist ensures snug fit

**IDEAL APPLICATIONS**

- Handling of glass sheets, sharpedged objects
- Handling of metal sheets, cutting of dry, painted or galvanised pieces
- Heavy duty handling: where sensitivity is also required

**EDGE® 48-703**

**CUT PROTECTION/HEAVY DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	Glass fiber, HPPE, Polyester, Spandex
<b>Coating material</b>	Leather
<b>Finishing</b>	Leather palm
<b>Gauge</b>	13
<b>Cuff style</b>	Knitwrist
<b>Size</b>	7, 8, 9, 10, 11
<b>Length (mm)</b>	230 - 265
<b>Packaging</b>	12 pairs per bag; 6 bags per carton



**Cost effective solutions for medium weight applications**

**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**



**DESCRIPTION**

- Good dexterity and flexibility
- High cut protection and abrasion level
- Good grip in dry and slightly oily environments
- The leather pad provides extra safety in terms of grip, cut, abrasion protection and cushioning during stamping applications

**IDEAL APPLICATIONS**

- Handling slightly oily metal parts and sheets
- Press & stamping
- Primary assembly



**ActivArmr® 80-658**  
(ex-Powerflex®)

**CUT PROTECTION/HEAVY DUTY**



<b>Construction</b>	Knitted
<b>Liner material</b>	Cotton, Glass fibre, Nylon, Stainless steel, Kevlar®
<b>Coating material</b>	Natural rubber latex
<b>Finishing</b>	¾ coated
<b>Gauge</b>	7
<b>Cuff style</b>	Long knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	250 - 300
<b>Packaging</b>	12 pairs in a bag; 6 bags in a carton

#### INDUSTRIES



#### CATEGORY III

#### PERFORMANCE RATINGS



Silicone-free

#### EXTRA FEATURES

#### TECHNOLOGIES



**Kevlar.**

## Feel the power of extreme cut protection

### DESCRIPTION

- The latex coating's raised crinkle finish gives the glove an excellent grip in both dry and wet conditions
- Excellent cut performance due to the liner construction provides ISO level E performance
- Good heat contact resistance. EN407 level 2 rating means workers can safely handle warm objects
- Available in a wide range of sizes to protect more workers

### IDEAL APPLICATIONS

- Heavy duty handling: where sensitivity is also required
- Handling jagged metal
- Handling of glass sheets, sharp-edged objects
- Handling of metal sheets, cutting of dry, painted or galvanised pieces

**HyFlex® 11-542**

**CUT PROTECTION/MEDIUM DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	Kevlar®, Stainless steel, Nylon, Spandex
<b>Coating material</b>	Nitrile
<b>Finishing</b>	Palm coated
<b>Gauge</b>	13
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	213 - 267
<b>Packaging</b>	12 pair per polybag; 12 polybags per carton



**Excellent comfort and dexterity with the highest level of cut protection**

**INDUSTRIES**



**CATEGORY III**

**TECHNOLOGIES**

- ANSELL GRIP™**  
Ansell Grip Technology
- INTERCEPT™**  
Cut Resistance Technology
- FORTIX™**  
Abrasion Resistance Technology
- ZONZ™**  
Comfort Fit Technology

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



Touchscreen Compatible

**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® 74-500**

**CUT PROTECTION/MEDIUM DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	HPPE, Fiber glass, Stainless steel, Polyamide, Polyester, Ansell INTERCEPT™ Technology
<b>Gauge</b>	10
<b>Cuff style</b>	Knitwrist
<b>Size</b>	6, 7, 8, 9, 10
<b>Length (mm)</b>	225 - 270
<b>Packaging</b>	12 pieces per polybag; 2 polybags per carton



**Featuring Intercept™ Technology with 360° cut protection throughout entire glove & cuff**

**INDUSTRIES**



**CATEGORY II**

**PERFORMANCE RATINGS**



**TECHNOLOGIES**



**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
- Food Compliant cut protection
- Extended cuff expanding cut protection to wrists
- Maintains protection, comfort and fit even after repeat washes

**IDEAL APPLICATIONS**

- Dairy processing
- Fruit and vegetable processing
- Poultry Processing



**HyFlex® 11-280** CUT PROTECTION/MEDIUM DUTY

<b>Construction</b>	Knitted
<b>Liner material</b>	Ansell INTERCEPT™ Technology
<b>Gauge</b>	15
<b>Cuff style</b>	Sleeve
<b>Size</b>	Narrow, wide
<b>Length (mm)</b>	300 - 550
<b>Packaging</b>	50 pieces per box



**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**TECHNOLOGIES**



**Superior protection with unmatched comfort**

**DESCRIPTION**

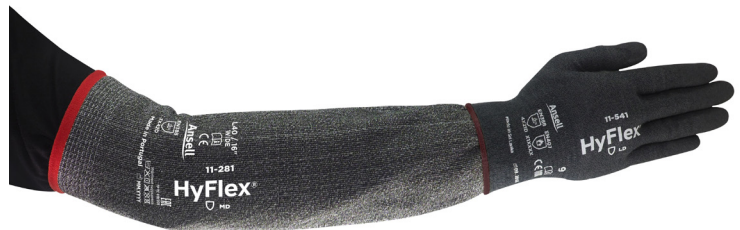
- INTERCEPT™ Cut Resistance Technology provides best-in-class cut protection and a soft and cool feel to the worker
- The seamless design and the options of lengths and widths ensure an excellent fit and makes it the No. 1 choice for all-day comfort
- The HyFlex® 11-280 INTERCEPT™ sleeves are engineered to perform in combination with any HyFlex® cut resistant glove
- Available in two versions: Wide & Narrow
- Compliant with FDA food handling regulations 21 CFR 177.1520 and 21 CFR 177.2600

**IDEAL APPLICATIONS**

- Glass repair and replacement
- Handling metal sheets & panels

**HyFlex® 11-281** CUT PROTECTION/MEDIUM DUTY

<b>Construction</b>	Knitted
<b>Liner material</b>	Ansell INTERCEPT™ Technology
<b>Gauge</b>	15
<b>Cuff style</b>	Sleeve
<b>Size</b>	Narrow, wide
<b>Length (mm)</b>	300 - 550
<b>Packaging</b>	50 pieces per box



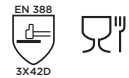
**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**TECHNOLOGIES**



**Superior protection with unmatched comfort**

**DESCRIPTION**

- INTERCEPT™ Cut Resistance Technology provides best-in-class cut protection and a soft and cool feel to the worker
- The seamless design and the options of lengths and widths ensure an excellent fit and makes it the No. 1 choice for all-day comfort
- The HyFlex® 11-281 INTERCEPT™ sleeves are engineered to perform in combination with any HyFlex® cut resistant glove
- Available in two versions: Wide & Narrow
- Compliant with FDA food handling regulations 21 CFR 177.1520 and 21 CFR 177.2600

**IDEAL APPLICATIONS**

- Glass repair and replacement
- Handling metal sheets & panels

**HyFlex® 70-138**

**CUT PROTECTION/MEDIUM DUTY**

<b>Construction</b>	Knitted
<b>Liner material</b>	Glass fibre, Nylon, Polyester
<b>Gauge</b>	13
<b>Cuff style</b>	Sleeve
<b>Size</b>	One size fits all
<b>Length (mm)</b>	475
<b>Packaging</b>	10 pieces in a bag; 5 bags in a carton

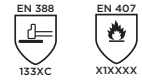


**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**TECHNOLOGIES**



**Superior mechanical protection and cut-resistance**

**DESCRIPTION**

- 100% Kevlar®
- Thumbslot and Velcro® strap for more comfort
- Double layered for greater arm protection
- Protects forearms from minor heat, cuts and burns

**IDEAL APPLICATIONS**

- Press shop operations
- Assembly & inspection of components
- Applying sealers, touching up
- Equipment repair & maintenance
- Cutting glasses, sheets, panels
- Seizing structural and body parts
- Adjusting systems and screwing

**HyFlex® 11-200**

**CUT PROTECTION/MEDIUM DUTY**

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



**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**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 good cut protection 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

## SPECIAL PURPOSE SOLUTIONS

	Brand	Style	Page
	<b>Heat</b>		
	EDGE®	48-216	55
	ActivArmr®	42-474	55
	ActivArmr®	23-700	56
	ActivArmr®	43-113	56
	ActivArmr®	43-216	57
	ActivArmr®	43-217	57
	<b>Cold</b>		
	ActivArmr®	97-631	58
	ActivArmr®	97-681	58

**EDGE® 48-216**

**SPECIAL PURPOSE/HEAT**

<b>Construction</b>	Cut & sewn
<b>Liner material</b>	Leather
<b>Coating material</b>	Uncoated
<b>Cuff style</b>	Gauntlet
<b>Size</b>	10
<b>Length (mm)</b>	360
<b>Packaging</b>	6 pairs in a polybag; 6 polybags in a carton

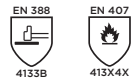


**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**Cost efficient solution for welding applications**

**DESCRIPTION**

- EDGE® 48-216 glove is a heavy duty welding glove that provide EN 12477 Type-A protection for demanding welding and thermal job tasks
- Suitable for stick and MIG welding, as well as torch cutting and grinding. Provides high levels of protection from heat, flame, sparks and puncture
- The glove uses durable split cowhide leather of natural color. The seams are made with aramid for higher durability
- Inner cotton lining provides thermal insulation and extended comfort
- The extended cuff provide protection for the forearm

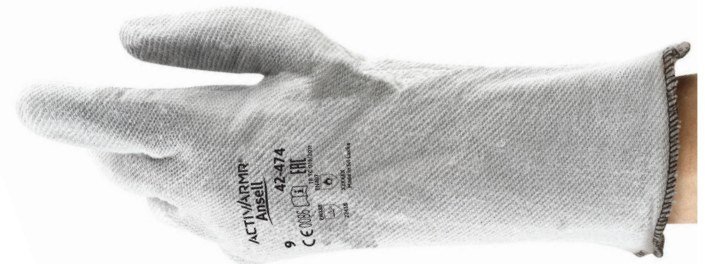
**IDEAL APPLICATIONS**

- Brazing
- Handling hot parts with spark
- Metal grinding
- Stick and MIG welding
- Torch cutting

**ActivArmr® 42-474**

**SPECIAL PURPOSE/HEAT**

<b>Construction</b>	Cut and sewn
<b>Liner material</b>	Cotton, Non-woven polyester, Polyester
<b>Coating material</b>	Nitrile
<b>Cuff style</b>	Gauntlet
<b>Size</b>	8, 9, 10
<b>Length (mm)</b>	330
<b>Packaging</b>	12 pairs in a bag; 6 bags in a carton



**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**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, calendaring
- Handling hot castings and wooden plates
- Handling hot glass
- Removing sterilised products from autoclaves

ActivArm<sup>®</sup> 23-700

## SPECIAL PURPOSE/HEAT

Construction	Cut and sewn
Liner material	Cotton, Nylon, Polyurethane foam insulation
Coating material	PVC
Finishing	Fully coated
Cuff style	Gauntlet
Size	9, 10
Length (mm)	275 - 300
Packaging	6 pairs in a bag; 12 bags in a carton



## Superior heat and flame resistance with complete protection for hand and wrist

## INDUSTRIES



## CATEGORY III

## PERFORMANCE RATINGS



## EXTRA FEATURES



## 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

## TECHNOLOGIES



Kevlar

ActivArm<sup>®</sup> 43-113

## SPECIAL PURPOSE/HEAT

Construction	Knitted
Liner material	Cotton, Kevlar <sup>®</sup>
Gauge	7
Cuff style	Long knitwrist
Size	10, 11
Length (mm)	330 - 380
Packaging	6 pairs in a bag; 6 bags in a carton



## Superior heat and flame resistance with complete protection for hand and wrist

## INDUSTRIES



## CATEGORY III

## PERFORMANCE RATINGS



## EXTRA FEATURES



## DESCRIPTION

- Top-of-the-range glove for the most exacting hot applications: designed for intermittent dry heat contact up to 350°C
- Also provides fantastic resistance to cuts, tears and abrasion
- Soft, comfortable and absorbent – the coolest choice in hot conditions

## IDEAL APPLICATIONS

- Demoulding thermoplastics
- Handling hot glass
- Manufacturing tyres
- Removing sterilised products from autoclaves

## TECHNOLOGIES



Kevlar



**ActivArm<sup>®</sup> 43-216**

**SPECIAL PURPOSE/HEAT**

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



**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



Silicone-free

**TECHNOLOGIES**



**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<sup>®</sup> thread ensure durability in use
- Comfortable 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

**ActivArm<sup>®</sup> 43-217**

**SPECIAL PURPOSE/HEAT**

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



**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**



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

**DESCRIPTION**

- ActivArm<sup>®</sup> 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

**ActivArm<sup>®</sup> 97-631**

**SPECIAL PURPOSE/COLD**

<b>Construction</b>	Knitted
<b>Liner material</b>	Nylon/acrylic
<b>Coating material</b>	PVC
<b>Finishing</b>	Palm coated
<b>Cuff style</b>	Knitwrist
<b>Size</b>	7, 8, 9, 10, 11
<b>Length (mm)</b>	250 - 285
<b>Packaging</b>	6 pairs in a polybag; 6 polybags in a carton



**High dexterity cold protection**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**



**DESCRIPTION**

- PVC coating provides excellent grip and flexibility, even in the coldest temperatures
- Two-layer design gives the user
- Flexible nylon exterior protects against mechanical risks, including cut, and contours to the hand permitting maximum dexterity
- Soft and insulative acrylic interior provides comfort and warmth
- ActivArm<sup>®</sup> 97-631 is unlike anything in the market by giving the wearer a unique combination of warmth, dexterity, and flexibility that lets you feel everything but the cold

**IDEAL APPLICATIONS**

- Agriculture
- Cold storage
- Construction
- Outdoor winter use
- Utilities

**ActivArm<sup>®</sup> 97-681**

**SPECIAL PURPOSE/COLD**

<b>Construction</b>	Knitted
<b>Liner material</b>	Nylon/acrylic
<b>Coating material</b>	PVC
<b>Finishing</b>	Full coated
<b>Cuff style</b>	Gauntlet
<b>Size</b>	8, 9, 10, 11
<b>Length (mm)</b>	250 - 285
<b>Packaging</b>	6 pairs in a polybag; 6 polybags in a carton



**Cold and liquid protection with dexterity and comfort**

**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**DESCRIPTION**

- PVC coating provides grip and flexibility, even in the coldest temperatures
- RIPEL™ technology keeps liquids out helping your hands stay dry and warm longer
- Two-layer design gives the user
  1. PVC coated flexible nylon exterior to protect against liquid and mechanical risks, including cut
  2. Soft and insulative acrylic interior provides comfort and warmth
- ActivArm<sup>®</sup> 97-681 provides an industry leading combination of warmth and dexterity in a liquid-proof glove
- Thin enough to handle small objects but protective enough for harsh environments, ActivArm<sup>®</sup> 97-681 helps you outsmart the elements

**IDEAL APPLICATIONS**

- Cold weather applications
- Drilling/extraction
- Infrastructure
- Production services/processing

**TECHNOLOGIES**





# IMPACT PROTECTION




IMPACT PROTECTION SOLUTIONS



Workers operating heavy machinery with moving parts or pneumatic equipment put their hands at risk of crush and pinch impacts. Ansell's Impact Protection System protects workers against the risk of impact while providing superior comfort and dexterity.

➤ [www.ansell.com/ringers](http://www.ansell.com/ringers)

## IMPACT PROTECTION SOLUTIONS

Brand	Style	Page
 <b>Impact</b>		
RINGERS	R-065	62
RINGERS	R-068	62
RINGERS	R-074	63
RINGERS	R-075	63
RINGERS	R-076	64
RINGERS	R-161	64
RINGERS	R-133	65
RINGERS	R-138	65
RINGERS	R-163	66
RINGERS	R-085	66
RINGERS	R-169	67
RINGERS	R-176	67
RINGERS	R-179	68
RINGERS	R-665	68
RINGERS	R-259	69
RINGERS	R-259B	69
RINGERS	R-267	70
RINGERS	R-297	70
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RINGERS	R-299	71
RINGERS	R-266	72
RINGERS	R-314	72
EDGE®	48-205	73



**RINGERS R-065**

**IMPACT**

Glove Shell	HPPE
Bumpers	Thermoplastic rubber
Construction	Seamless 13 gg knit
Cuff	3" 1x1 ribbed cuff with binding
Sizes	7, 8, 9, 10, 11, 12, 13
Packaging	12 pairs in a bag; 6 bags in a carton 72 pairs per carton



**INDUSTRIES**



**EXTRA FEATURES**



TOUCHSCREEN COMPATIBLE

**PERFORMANCE RATINGS**



**Innovative impact and cut protection combined with superior dexterity for ultimate comfort in a variety of end uses**

**DESCRIPTION**

- Breathable knit shell offers cut resistance
- TPR impact protection on top of hand and full length of fingers
- Half-dipped nitrile coating on palm with sandy finish for enhanced grip
- High visibility for increased safety
- Touchscreen compatible index, middle and thumb tips
- Superior grip on wet and dry surfaces

**IDEAL APPLICATIONS**

- Makeup and breakout tools
- Running tools into the wellbore
- Engagement and release of drill string slips
- Unloading and stacking pipe

**RINGERS R-068**

**IMPACT**

Glove Shell	HPPE
Bumpers	Thermoplastic rubber
Construction	Seamless 13 gg knit
Cuff	3" 1x1 ribbed cuff with binding
Sizes	7, 8, 9, 10, 11, 12, 13
Packaging	10 pairs in a bag; 6 bags in a carton 60 pairs per carton



**INDUSTRIES**



**EXTRA FEATURES**



TOUCHSCREEN COMPATIBLE

**PERFORMANCE RATINGS**



**Innovative impact, cut, and liquid protection combined with superior dexterity for ultimate comfort in a variety of end uses**

**DESCRIPTION**

- TPR impact protection on top of hand and full length of fingers
- Patented double dipped technology
- Full-dipped nitrile in smooth finish for liquid resistance
- Half-dipped nitrile coating on palm with sandy finish for enhanced grip
- Sandy finish for superior grip on wet and dry surfaces
- High visibility for increased safety
- Touchscreen compatible index, middle and thumb tips

**IDEAL APPLICATIONS**

- Running tools into the wellbore
- Assembly and disassembly of large pipes
- Engagement and release of drill string slips
- Unloading and stacking pipe



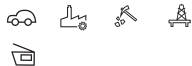
## RINGERS R-074

## IMPACT

Glove Shell	PVC
Liner	Cut resistant liner
Bumpers	Thermoplastic rubber
Construction	Full-dipped PVC coating
Cuff	35cm gauntlet cuff - all sizes
Sizes	8, 10, 12
Packaging	12 pairs in a bag; 2 bags in a carton 24 pairs per carton



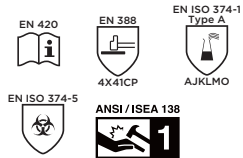
### INDUSTRIES



### EXTRA FEATURES



### PERFORMANCE RATINGS



### Proprietary PVC coating for waterproof and chemical resistance with impact and cut protection

#### DESCRIPTION

- TPR impact protection on top of hand and full length of fingers
- PVC coating for waterproof and chemical resistance
- Inside liner provides all-around 360 degree cut resistance
- Durable textured palm coating for enhanced grip
- CE rated for EN374-1:A (Methanol) J (n-Heptane) K (Sodium Hydroxide 40%) L (Sulfuric Acid 96%) M (Nitric Acid 65%) O (Ammonium Hydroxide 25%)
- Short gauntlet-style cuff to keep debris away from hands

#### IDEAL APPLICATIONS

- Mixing or loading chemicals
- Body painting including surface inspection
- Applying sealers, touching up
- Oil, fluids and filter change

## RINGERS R-075

## IMPACT

Glove Shell	PVC
Liner	Cut resistant liner
Bumpers	Thermoplastic rubber
Construction	Full-dipped PVC coating
Cuff	S/M-40cm, L/XL-45cm, 2XL-50cm gauntlet
Sizes	8, 10, 12
Packaging	12 pairs in a bag; 2 bags in a carton 24 pairs per carton



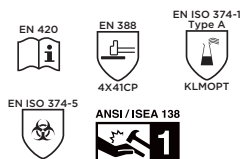
### INDUSTRIES



### EXTRA FEATURES



### PERFORMANCE RATINGS



### Proprietary PVC coating for waterproof and chemical resistance with impact and cut protection

#### DESCRIPTION

- TPR impact protection on top of hand and full length of finger
- PVC coating for waterproof and chemical resistance
- Inside liner provides all-around 360 degree cut resistance
- Durable textured palm coating for enhanced grip
- CE rated for EN374-1
- Long gauntlet-style cuff to keep debris away from hands

#### IDEAL APPLICATIONS

- Mixing or loading chemicals
- Body painting including surface inspection
- Applying sealers, touching up
- Oil, fluids and filter change



**RINGERS R-076**

**IMPACT**

<b>Glove Shell</b>	Full-dipped liquid resistant PVC coating
<b>Liner</b>	HPPE
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Knitted, fully-dipped PVC
<b>Cuff</b>	Extended knitwrist
<b>Sizes</b>	7, 8, 9, 10, 11, 12
<b>Packaging</b>	12 pairs in a bag; 3 bags in a carton 36 pairs per carton



**INDUSTRIES**



**EXTRA FEATURES**



**PERFORMANCE RATINGS**



WATER PROOF

**Proprietary PVC coating for liquid resistance with impact and cut protection combined with superior dexterity for ultimate comfort in a variety of end uses**

**DESCRIPTION**

- Knit shell offers cut resistance
- TPR impact protection on top of the hand and full length of fingers
- Full-dipped liquid resistant PVC coating
- High visibility for increased safety
- Extended knit cuff to keep debris away from hand

**IDEAL APPLICATIONS**

- Drilling assembly and completion
- Body painting including surface inspection
- Applying sealers, touching up
- Oil, fluids and filter change
- Spill or leakage cleanup

**RINGERS R-161**

**IMPACT**

<b>Glove Shell</b>	High visibility spandex mesh back with synthetic leather palm
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Cut & sew, padded palm with wing thumb and point fingertips
<b>Cuff</b>	Secure and adjustable cuff
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**EXTRA FEATURES**



TOUCHSCREEN COMPATIBLE

**PERFORMANCE RATINGS**



**Impact protection with synthetic red leather padded palm and touchscreen compatibility for comfort and ease-of-use**

**DESCRIPTION**

- TPR impact protection on top of hand and fingers
- Flexible knuckle TPR design with two detached fingers
- Durable synthetic leather palm for enhanced grip
- Padded palm for comfort
- Secure cuff closure with hook and loop rubber pull tab
- Reinforced thumb, index, and middle finger tips
- Wrap around index finger protecting wear and tear zone
- Touchscreen compatible index, middle and thumb tips
- High visibility for increased safety

**IDEAL APPLICATIONS**

- General purpose auto aftermarket
- Handling structural and body components
- Body painting including surface inspection
- Body panel repair and replacement





**RINGERS R-133/138**

**IMPACT**



**RINGERS R-133**



**RINGERS R-138**

<b>Glove Shell</b>	<b>R-133:</b> Polyester mesh back with synthetic leather palm <b>R-138:</b> High visibility polyester mesh back with synthetic leather palm
<b>Construction</b>	Cut & sew, split palm with point fingertips
<b>Cuff</b>	Secure and adjustable cuff
<b>Sizes</b>	<b>R-133:</b> 6, 7, 8, 9, 10, 11, 12, 13 <b>R-138:</b> 8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 24 bags in a carton 120 pairs per carton

**Single layer mesh with synthetic palm and touchscreen compatibility, when dexterity and flexibility matter most**

**DESCRIPTION**

- Secure cuff with hook and loop TPR pull tab closure
- Soft and durable premium mesh fabric on top of hand for optimal comfort and flexibility
- Premium synthetic leather used for split palm construction for long lasting durability
- Wrap around index finger protecting wear and tear zone
- Lightweight fabric between fingers for excellent dexterity
- Touchscreen compatible index, middle and thumb tips
- R-138 - Reflective logo on top of hand for increased visibility

**IDEAL APPLICATIONS**

- General purpose auto aftermarket
- Handling structural and body components
- Body panel repair and replacement
- Engine transmission and repair

**INDUSTRIES**



**EXTRA FEATURES**



**PERFORMANCE RATINGS**





**RINGERS R-163**

**IMPACT**

<b>Glove Shell</b>	Spandex mesh back with synthetic leather palm
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Cut & sew, padded palm with wing thumb and point fingertips
<b>Cuff</b>	Secure and adjustable cuff
<b>Sizes</b>	7, 8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**EXTRA FEATURES**



**PERFORMANCE RATINGS**



**Impact protection with synthetic leather padded palm and touchscreen compatibility for comfort and ease-of-use**

**DESCRIPTION**

- TPR impact protection on top of hand and fingers
- Flexible knuckle TPR design with two detached fingers
- Durable synthetic leather palm for enhanced grip
- Padded palm for comfort
- Secure cuff closure with hook and loop rubber pull tab
- Reinforced thumb, index, and middle finger tips
- Wrap around index finger protecting wear and tear zone
- Touchscreen compatible index, middle and thumb tips

**IDEAL APPLICATIONS**

- General purpose auto aftermarket
- Handling structural and body components
- Body painting including surface inspection
- Applying sealers, touching up
- Body panel repair and replacement
- Oil, fluids and filter change

**RINGERS R-085**

**IMPACT**

<b>Glove Shell</b>	HPPE
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Seamless 13 gg knit
<b>Cuff</b>	3" 1x1 ribbed cuff with binding
<b>Sizes</b>	7, 8, 9, 10, 11, 12, 13
<b>Packaging</b>	8 pairs in a bag; 6 bags in a carton 48 pairs per carton



**INDUSTRIES**



**EXTRA FEATURES**



**PERFORMANCE RATINGS**



**Innovative impact, cut, and protection combined with superior dexterity for ultimate comfort in a variety of end uses**

**DESCRIPTION**

- Breathable knit shell offers cut resistance
- TPR impact protection on top of hand and full length of fingers
- Palm-dipped nitrile coating on palm with sandy finish for enhanced grip
- Fleece lined for added warmth in cold temperatures
- TCR patch to reinforce wear & tear zone
- Superior grip on wet and dry surfaces
- High visibility for increased safety
- Touchscreen compatible index, middle and thumb tips

**IDEAL APPLICATIONS**

- Makeup and breakout tools
- Running tools into the wellbore
- Handling explosives
- Assembly of parts
- Engagement and release of drill string slips
- Unloading and stacking pipe

## RINGERS R-169

## IMPACT

<b>Glove Shell</b>	High visibility spandex mesh back with synthetic leather palm
<b>Liner</b>	Cut resistant palm liner
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	2-layer palm with wing thumb design
<b>Cuff</b>	Elastic cuff with secure hook and loop closure
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



### INDUSTRIES



### PERFORMANCE RATINGS



### Medium duty gloves rated best in class for dexterity plus impact protection

#### DESCRIPTION

- TPR impact protection on top of hand and full length of fingers
- Patented double dipped technology
- Full-dipped nitrile in smooth finish for liquid resistance
- Half-dipped nitrile coating on palm with sandy finish for enhanced grip
- Sandy finish for superior grip on wet and dry surfaces
- High visibility for increased safety
- Touchscreen compatible index, middle and thumb tips

#### IDEAL APPLICATIONS

- Makeup and breakout tools
- Running tools into the wellbore
- Handling explosives
- Assembly of parts
- Engagement and release of drill string slips
- Unloading and stacking pipe

## RINGERS R-176

## IMPACT

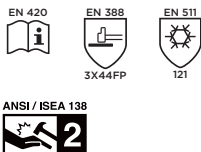
<b>Glove Shell</b>	High visibility spandex mesh back with synthetic leather palm
<b>Liner</b>	Cut resistant palm liner
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	2-layer palm with wing thumb design
<b>Cuff</b>	Gaiter Cuff
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



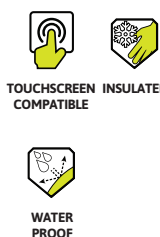
### INDUSTRIES



### PERFORMANCE RATINGS



### EXTRA FEATURES



### Impact and cut protection that keeps hands warm and dry

#### DESCRIPTION

- TPR impact protection on top of hand and full length of fingers
- 70g Thinsulate™ insulation for additional warmth
- Proprietary waterproof barrier to keep hands dry
- PVC patches on palm for enhanced grip
- Additional palm layer for enhanced cut resistance
- Extended cuff with gaiter closure to keep out debris
- Reflective cuff piping for increased visibility
- Touchscreen compatible thumb, index and middle fingertips

#### IDEAL APPLICATIONS

- Engagement and release of drill string slips
- Chaining up pipes
- Installation and dismantling of rigs
- Assembly of parts
- Assembly and disassembly of large pipes
- Unloading and stacking pipe



**RINGERS R-179**

**IMPACT**

<b>Glove Shell</b>	High visibility spandex mesh back with synthetic leather palm
<b>Liner</b>	Cut resistant palm liner
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Cut & sew, 2-layer palm, wing thumb and point fingertips
<b>Cuff</b>	Extended slip-on cuff
<b>Sizes</b>	6, 7, 8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**PERFORMANCE RATINGS**



**Medium duty impact glove with slip-on cuff and dual-layer synthetic leather palm for versatile E/A5 rated cut protection**

**DESCRIPTION**

- Improved TPR design for greater impact protection, rated ANSI/ISEA 138 Level 2
- Durable synthetic leather palm for enhanced grip
- Additional palm layer for enhanced cut resistance
- Slip-on elastic cuff allows for easy on and off
- Wrap around index finger protecting wear and tear zone
- High visibility for increased safety

**IDEAL APPLICATIONS**

- Engagement and release of drill string slips
- Chaining up pipes
- Installation and dismantling of rigs
- Environmental clean-up and remediation
- Handling iron

**RINGERS R-665**

**IMPACT**

<b>Glove Shell</b>	Goat grain leather
<b>Liner</b>	Cut resistant palm liner
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Single palm, wing thumb and point fingertips construction
<b>Cuff</b>	Elastic cuff with hook and loop pull tab closure
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**EXTRA FEATURES**



GENUINE LEATHER

**PERFORMANCE RATINGS**



**Premium leather combined with cut and impact protection for ultimate comfort and performance**

**DESCRIPTION**

- TPR impact protection on top of hand and full length of fingers
- Designed with high quality grain goatskin leather for true feel and extreme dexterity
- Additional palm layer enhances cut resistance
- Reinforced seams on the index finger and base of thumb
- Secure cuff closure with hook and loop TPR pull tab closure

**IDEAL APPLICATIONS**

- Preparation of site - unloading of lines and valves
- Handling iron
- Handling of tools
- Operating of heavy machinery
- Equipment maintenance and repair
- Pipe handling
- Handling materials with sharp or rough edges



**RINGERS R-259**

**IMPACT**

<b>Glove Shell</b>	High visibility spandex mesh back with synthetic leather
<b>Liner</b>	Cut resistant palm liner
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	2-layer palm, wing thumb and point finger tips construction
<b>Cuff</b>	Neoprene wrist closure
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**PERFORMANCE RATINGS**



**Heavy duty impact technology combined with high cut resistance for hands exposed to the harshest environments**

**DESCRIPTION**

- TPR impact protection on top of hand and full length of fingers
- Durable synthetic leather palm for enhanced grip
- Additional palm layer for enhanced cut resistance
- Extended neoprene wrist closure with TPR pull tab
- Kevlar™ stitched palm
- High visibility for increased safety

**IDEAL APPLICATIONS**

- Engagement and release of drill string slips
- Chaining up pipes
- Installation and dismantling of rigs
- Environmental clean-up and remediation

**RINGERS R-259B**

**IMPACT**

<b>Glove Shell</b>	High visibility spandex mesh back with synthetic leather
<b>Liner</b>	Cut resistant palm liner with proprietary barrier
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	2-layer palm, wing thumb and point fingertips construction and Kevlar® stitching
<b>Cuff</b>	Neoprene wrist closure
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**EXTRA FEATURES**



WATER PROOF

**PERFORMANCE RATINGS**



**Heavy duty impact technology combined with high cut resistance and a waterproof barrier to keep hands safe, warm, and dry in the harshest environments**

**DESCRIPTION**

- TPR impact protection on top of hand and full length of fingers
- Durable synthetic leather palm for enhanced grip
- Additional palm layer for enhanced cut resistance
- Waterproof barrier to keep hands dry
- Best in class construction provides a durable bond between layers, eliminating glove separation when doffing.
- Liquid resistant coating on top of hand
- Extended neoprene wrist closure with TPR pull tab
- Kevlar™ stitched palm
- High visibility and reflective cuff piping for increased safety

**IDEAL APPLICATIONS**

- Engagement and release of drill string slips
- Chaining up pipes
- Facility and machinery maintenance
- Installation and dismantling of rigs
- Environmental clean-up and remediation
- Handling iron
- Operating of heavy machinery



**RINGERS R-267**

**IMPACT**

<b>Glove Shell</b>	High visibility spandex mesh back with synthetic leather silicon dot palm
<b>Liner</b>	Cut resistant palm liner
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	2-layer palm, wing thumb and point fingertips
<b>Cuff</b>	Airprene slip on cuff
<b>Sizes</b>	7, 8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**PERFORMANCE RATINGS**



**The original heavy duty impact glove that's protected our toughest workers for over 10 years**

**DESCRIPTION**

- TPR impact protection on top of hand and full length of fingers
- Silicone dot® grip system on palm resists oil and enhances grip
- Extended airprene wrist closure with TPR pull tab
- Kevlar™ stitched palm
- High visibility for increased safety

**IDEAL APPLICATIONS**

- Engagement and release of drill string slips
- Chaining up pipes
- Installation and dismantling of rigs
- Hydraulic repair
- Re-fuel oil fluid and diesel

**RINGERS R-297**

**IMPACT**

<b>Glove Shell</b>	High visibility spandex mesh back with synthetic leather
<b>Liner</b>	Cut resistant palm liner
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	2-layer palm, wing thumb and point fingertips construction
<b>Cuff</b>	Airprene cuff
<b>Sizes</b>	7, 8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**PERFORMANCE RATINGS**



**Heavy duty impact protection with ultimate grip and cut protection**

**DESCRIPTION**

- TPR impact protection on top of hand and full length of fingers
- Durable grip system on palm and fingers enhances grip
- Extended airprene wrist closure with TPR pull tab
- Kevlar™ stitched with padding on palm
- High visibility for increased safety

**IDEAL APPLICATIONS**

- Engagement and release of drill string slips
- Chaining up pipes
- Installation and dismantling of rigs
- Preparation of site - unloading of lines and valves
- Handling iron
- Handling of tools
- Seizing structural and body parts



**RINGERS R-298**

**IMPACT**

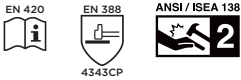
<b>Glove Shell</b>	High visibility vented polyester mesh back and durable palm with Kevlar® stitching
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Cut & sew, single layer palm with Kevlar® stitching, wing thumb and point fingertips
<b>Cuff</b>	Extended vented mesh airprene wrist closure
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**PERFORMANCE RATINGS**



**Heavy duty impact technology with vented mesh back and extreme grip system for the warmest environments**

**DESCRIPTION**

- Improved TPR design for greater impact protection, rated ANSI/ISEA 138 Level 2
- Durable grip system on palm and fingers enhances grip
- Constructed with vented mesh for better ventilation
- Extended vented mesh wrist closure with TPR pull tab
- Kevlar® stitched palm
- High visibility for increased safety

**IDEAL APPLICATIONS**

- Engagement and release of drill string slips
- Chaining up pipes
- Installation and dismantling of rigs
- Preparation of site - unloading of lines and valves
- Handling iron - rigging work
- Handling of tools

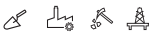
**RINGERS R-299**

**IMPACT**

<b>Glove Shell</b>	High visibility spandex back and durable palm with Kevlar® stitching
<b>Liner</b>	Cut resistant palm liner
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Cut & sew, 2-layer palm with Kevlar® stitching, wing thumb and point fingertips
<b>Cuff</b>	Extended airprene wrist closure
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**PERFORMANCE RATINGS**



**Heavy duty impact technology combined with high cut resistance and the ultimate grip for harsh environments**

**DESCRIPTION**

- TPR impact protection on top of hand and full length of fingers
- Durable grip system on palm and fingers enhances grip
- Additional palm layer for enhanced cut resistance
- Extended airprene wrist closure with TPR pull tab
- Kevlar® stitched palm
- High visibility for increased safety

**IDEAL APPLICATIONS**

- Engagement and release of drill string slips
- Chaining up pipes
- Installation and dismantling of rigs
- Preparation of site - unloading of lines and valves
- Handling iron - rigging work



**RINGERS R-266**

**IMPACT**

<b>Glove Shell</b>	High visibility spandex mesh back with synthetic leather palm
<b>Liner</b>	Thermal/Waterproof Thinsulate™
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Cut & sew, lined palm with patches and Kevlar® stitching, wing thumb and point fingertips
<b>Cuff</b>	Extended neoprene wrist closure
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**EXTRA FEATURES**



**PERFORMANCE RATINGS**



**Hands stay warm and dry with heavy winter-time impact protection and synthetic grip patches**

**DESCRIPTION**

- TPR impact protection on top of hand and full length of fingers
- Synthetic leather grip patch system on palm
- 100 gram Thinsulate™ insulation for additional warmth
- Proprietary waterproof barrier to keep hands dry
- Touchscreen compatible index, middle and thumb tips
- Extended neoprene wrist closure with TPR pull tab
- Kevlar® stitched palm
- High visibility for increased safety

**IDEAL APPLICATIONS**

- Engagement and release of drill string slips
- Chaining up pipes
- Installation and dismantling of rigs
- Assembly and disassembly of large pipes
- Unloading and stacking pipe
- Preparation of site - unloading of lines and valves

**RINGERS R-314**

**IMPACT**

<b>Glove Shell</b>	High visibility spandex back and durable palm with Kevlar® stitching
<b>Bumpers</b>	Thermoplastic rubber
<b>Construction</b>	Cut & sew, single layer padded palm with Kevlar® stitching, point fingertips
<b>Cuff</b>	Extended cuff with gaiter closure
<b>Sizes</b>	8, 9, 10, 11, 12, 13
<b>Packaging</b>	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**INDUSTRIES**



**PERFORMANCE RATINGS**



**High-viz impact technology and extreme grip system specially designed for extrication in search and rescue**

**DESCRIPTION**

- TPR impact protection on top of hand and full length of fingers
- Durable grip system on palm and fingers enhances grip
- Extended cuff with gaiter closure to keep out debris
- Kevlar® stitched padded palm
- High visibility and reflective details for increased safety

**IDEAL APPLICATIONS**

- Rescue extraction from confined spaces
- Operating of heavy machinery
- Crushing and unloading ore
- Shipping and loading of product
- Vehicle maintenance





**EDGE® 48-205**

**IMPACT**



<b>Construction</b>	Cut & sewn
<b>Liner material</b>	Aramid, Glass fiber, Nylon, Polyester
<b>Finishing</b>	Polyurethane, PVC impact bumpers
<b>Cuff style</b>	Safety cuff
<b>Size</b>	8, 9, 10, 11, 12
<b>Length (mm)</b>	240 - 270
<b>Packaging</b>	6 packs in master polybag 72 pairs in a carton

**Robust protection for demanding extraction jobs in oil, gas and mining industry**

**DESCRIPTION**

- Superb cut resistant protection - EN 388 ISO cut level E
- Certified impact protection as per EN 388:2016 impact requirements
- Suitable for heavy-duty extraction and maintenance work where cut and pinch hazards are present
- Bright yellow ensures that hands are visible at all times

**INDUSTRIES**



**CATEGORY II**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**IDEAL APPLICATIONS**

- Drilling/extraction
- Exploration, drilling & blasting
- Maintenance of heavy equipment
- Production services
- Roughnecks/rig floor
- Roustabout/rig service



# 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](http://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
<b>CHEMICAL AND LIQUID PROTECTION</b> 	<b>Chemical solutions</b> Gloves and sleeve that meet all your chemical protection needs.	<ul style="list-style-type: none"> <li>• Nitrile</li> <li>• Natural rubber latex</li> <li>• Neoprene</li> <li>• Polyvinyl chloride (PVC)</li> <li>• Vinyl</li> <li>• Polyvinyl alcohol (PVA)</li> <li>• Butyl</li> <li>• Butyl/Viton®</li> <li>• Laminated film</li> <li>• Chlorosulfonated polyethylene</li> <li>• Ethylene propylene diene rubber</li> </ul>
	<b>Single use solutions</b> Single use gloves offering tactility and dexterity for a wide variety of applications requiring splash protection.	<ul style="list-style-type: none"> <li>• Neoprene/nitrile</li> <li>• Nitrile</li> <li>• Neoprene</li> <li>• Vinyl</li> <li>• Polyisoprene</li> <li>• Natural rubber latex</li> </ul>










## 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	+	-
	<b>Butyl</b>	<ul style="list-style-type: none"> <li>• High resistance to polar chemicals such as acetone and phenols</li> </ul>	<ul style="list-style-type: none"> <li>• No resistance to aromatic and aliphatic hydrocarbons</li> </ul>
	<b>Natural rubber latex</b>	<ul style="list-style-type: none"> <li>• Insulating</li> <li>• High elasticity</li> <li>• Sensitivity and dexterity</li> </ul>	<ul style="list-style-type: none"> <li>• Risk of sensitisation/Type I allergies</li> <li>• Bad chemical resistance to oils and greases</li> </ul>
	<b>Neoprene</b>	<ul style="list-style-type: none"> <li>• More flexible than nitrile</li> <li>• Excellent chemical resistance to acids and bases</li> </ul>	<ul style="list-style-type: none"> <li>• Not recommended for most organic and hydrocarbon solvents</li> </ul>
	<b>Nitrile</b>	<ul style="list-style-type: none"> <li>• Excellent resistance to puncture and abrasion</li> <li>• Low allergy risk</li> <li>• Sensitivity, dexterity and good grip</li> </ul>	<ul style="list-style-type: none"> <li>• Less dexterity than natural rubber latex</li> <li>• Wet and oily grip due to the soapy substance they tend to release in contact with liquids</li> </ul>
	<b>Polyethylene/ Polyamide film laminate</b>	<ul style="list-style-type: none"> <li>• Excellent chemical resistance to a broadest range of chemicals</li> <li>• No allergy risk</li> </ul>	<ul style="list-style-type: none"> <li>• Low mechanical resistance: abrasion, puncture and tear</li> <li>• Low wear comfort</li> <li>• Poor dexterity and grip</li> </ul>
	<b>Polyisoprene</b>	<ul style="list-style-type: none"> <li>• Elasticity</li> <li>• Latex protein-free: Type I allergy prevention</li> <li>• Sensitivity and dexterity</li> </ul>	<ul style="list-style-type: none"> <li>• Low chemical resistance to oils and greases</li> </ul>
	<b>Polyvinyl alcohol (PVA)</b>	<ul style="list-style-type: none"> <li>• High chemical resistance to aliphatics, aromatics, chlorinated solvents, esters and most ketones</li> <li>• Good physical properties: resistant to puncture and abrasion</li> </ul>	<ul style="list-style-type: none"> <li>• Quickly breaks down when exposed to water solution or air</li> <li>• Not very flexible</li> </ul>
	<b>Polyvinyl chloride (PVC)</b>	<ul style="list-style-type: none"> <li>• Good abrasion resistance</li> <li>• Protein free: low risk of allergies</li> <li>• Good protection against acids, bases and alcohols</li> </ul>	<ul style="list-style-type: none"> <li>• Low cut and puncture resistance</li> <li>• Contains plasticisers (phthalates)</li> <li>• Not recommended for ketones and organic solvents</li> <li>• Environmentally unfriendly</li> </ul>
	<b>Viton®</b>	<ul style="list-style-type: none"> <li>• High resistance to non-polar chemicals (aliphatic, aromatic and chlorinated hydrocarbons)</li> </ul>	<ul style="list-style-type: none"> <li>• No resistance to polar chemicals: alcohols, several acids, gases, caustics, acetone, phenols, aldehydes, esters and amines</li> </ul>

## GRIP PATTERNS






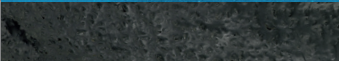


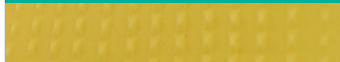





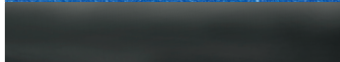

Image	Pattern
	ANSELL GRIP™ technology
	Crinkle finish
	Diamond
	Fishscale
	Granite finish
	Granular latex crumb finish
	Lozenge
	Microgranulated finish

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

## CHEMICAL SOLUTIONS

Brand	Style	Page
<b>NBR Nitrile</b>		
AlphaTec®	53-001	79
AlphaTec®	58-735	80
AlphaTec®	58-430	81
AlphaTec®	58-435	81
AlphaTec®	58-535B	82
AlphaTec®	37-310	83
AlphaTec®	37-320	83
AlphaTec®	79-340	84
AlphaTec® Solvex®	37-676	84
AlphaTec® Solvex®	37-185	85
AlphaTec® Solvex®	37-165	85
AlphaTec® Solvex®	37-175	85
AlphaTec® Solvex®	37-176	86
<b>NE Neoprene</b>		
AlphaTec®	08-352	86
AlphaTec®	08-354	86
AlphaTec®	09-430	87
AlphaTec®	09-924	87
AlphaTec®	09-928	87
AlphaTec®	19-024	88
AlphaTec®	19-026	88
AlphaTec®	29-500	88
AlphaTec®	29-865	89
<b>PVA Polyvinyl alcohol</b>		
AlphaTec®	15-554	89
<b>BU Butyl</b>		
AlphaTec®	38-514	90
<b>BU Butyl VB Viton®</b>		
AlphaTec®	38-612	90
<b>LF Laminated film</b>		
AlphaTec®	02-100	91
<b>PVC PVC</b>		
EDGE®	14-662	91
EDGE®	14-663	91
AlphaTec®	04-004	92
AlphaTec®	04-005	92

Brand	Style	Page
<b>NRL Natural Rubber Latex</b>		
AlphaTec®	87-900	93
AlphaTec®	87-224	93
AlphaTec®	87-118	93
AlphaTec®	87-198	94
AlphaTec®	87-276	94
AlphaTec®	87-245	94
AlphaTec®	87-305	95
AlphaTec®	87-085	95
AlphaTec®	87-086	95
AlphaTec®	87-950	96
AlphaTec®	87-955	96
AlphaTec®	87-104	96
AlphaTec®	87-108	96
AlphaTec®	87-063	97
AlphaTec®	87-320	97

**AlphaTec® 53-001**

**NITRILE/NEOPRENE**

**Broader 2-in-1 chemical protection:**  
Nitrile and neoprene protect against harmful hydrocarbons, various acids and bases. 'Type A' chemical protection, tested according to EN ISO 374:2016. Permeation time >30 minutes against 13 chemicals out of 18 listed.



Confident handling of objects thanks to ANSELL GRIP™ Technology

Heat protection and extra comfort thanks to liner

<b>Coating material</b>	Nitrile/Neoprene/Nitrile layers
<b>Liner material</b>	Nylon
<b>Grip design</b>	ANSELL GRIP™ Technology
<b>Cuff style</b>	Gauntlet
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	350
<b>Thickness (mm)</b>	0.38 (shell)/ 0.05 (grip)
<b>Packaging</b>	6 pairs in a bag; 12 bags in a carton

**One glove with the benefits of two. Multi-barrier chemical protection.**

**DESCRIPTION**

- 3 layer design, nitrile/neoprene/nitrile for superior protection against solvents, bases and acids
- Ansell GRIP™ Technology provides a confident grip in slippery handling conditions, resulting in less force needed to move wet or oily objects and reduced hand fatigue
- Supported construction that increases the mechanical protection and comfort
- AQL 0.65

**IDEAL APPLICATIONS**

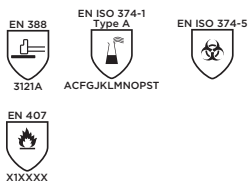
- Chemical Blending
- Chemical Handling
- Refining - Oil & Petrol
- Cleaning/Preparation for Painting
- Chemical/Fluid/Agent Sampling
- Assembly/Maintenance

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



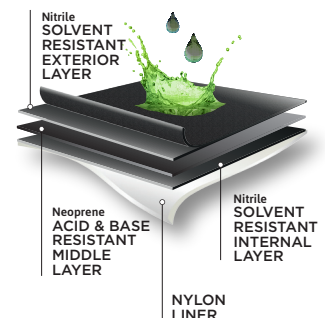
**EXTRA FEATURES**



**TECHNOLOGIES**

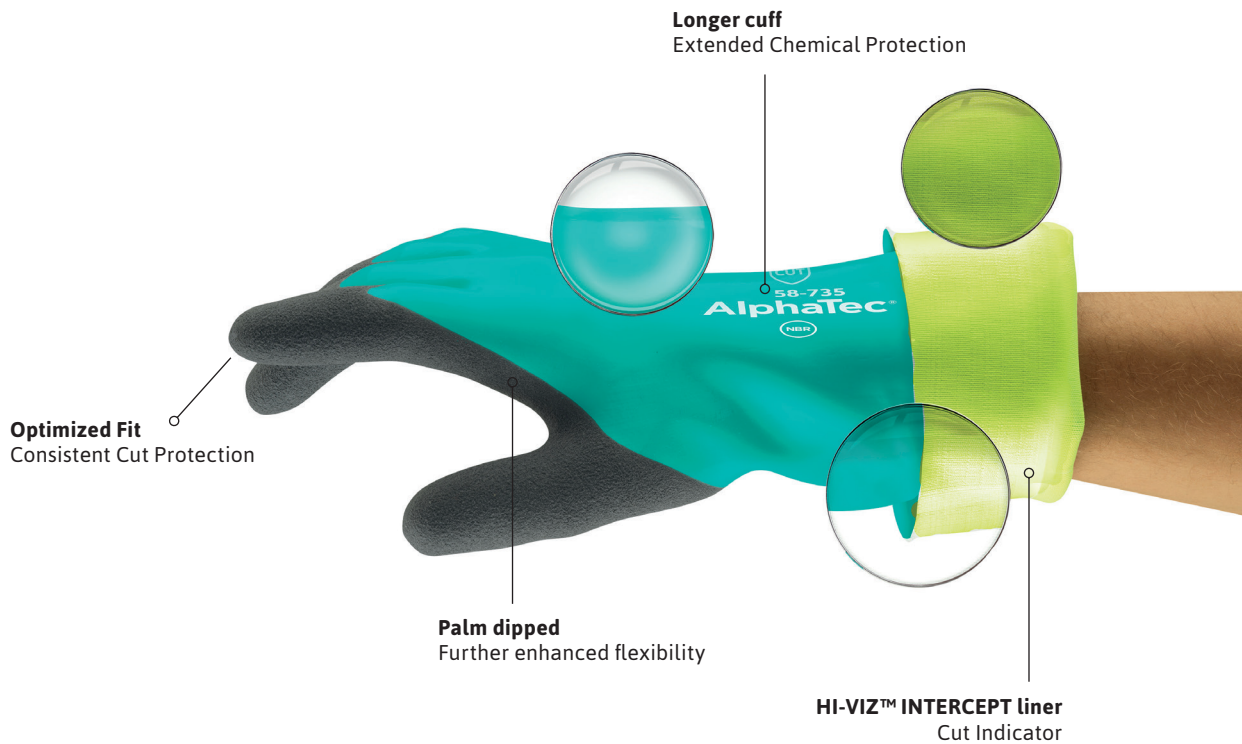


**3 LAYER DESIGN**



AlphaTec® 58-735

NITRILE



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

**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
- AQL 0.65

**IDEAL APPLICATIONS**

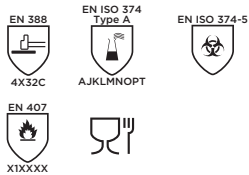
- Chemical blending
- Chemical/fluid/agent sampling
- Cleaning & preparation for painting
- Handling materials with sharp edges
- Lab and research and development
- Laboratory work
- Mechanical component assembly/maintenance
- Metal working with corrosives
- Tools & parts cleaning
- Washing of lab glassware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

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**TECHNOLOGIES**



**EXTRA FEATURES**





AlphaTec® 58-430/58-435

NITRILE



AlphaTec® 58-430



AlphaTec® 58-435

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

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

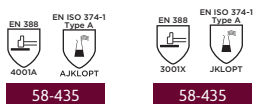
- Chemical handling
- Handling fluid-coated metal parts
- Handling paints, inks, dyes, glues and adhesives
- Handling waste oils
- Industrial tool maintenance
- Petrochemicals
- Food handling

INDUSTRIES



CATEGORY III

PERFORMANCE RATINGS



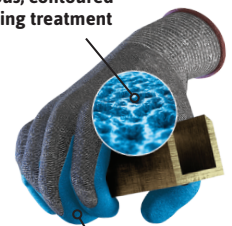
EXTRA FEATURES



TECHNOLOGIES



Porous, contoured coating treatment



Safe handling of tools and materials

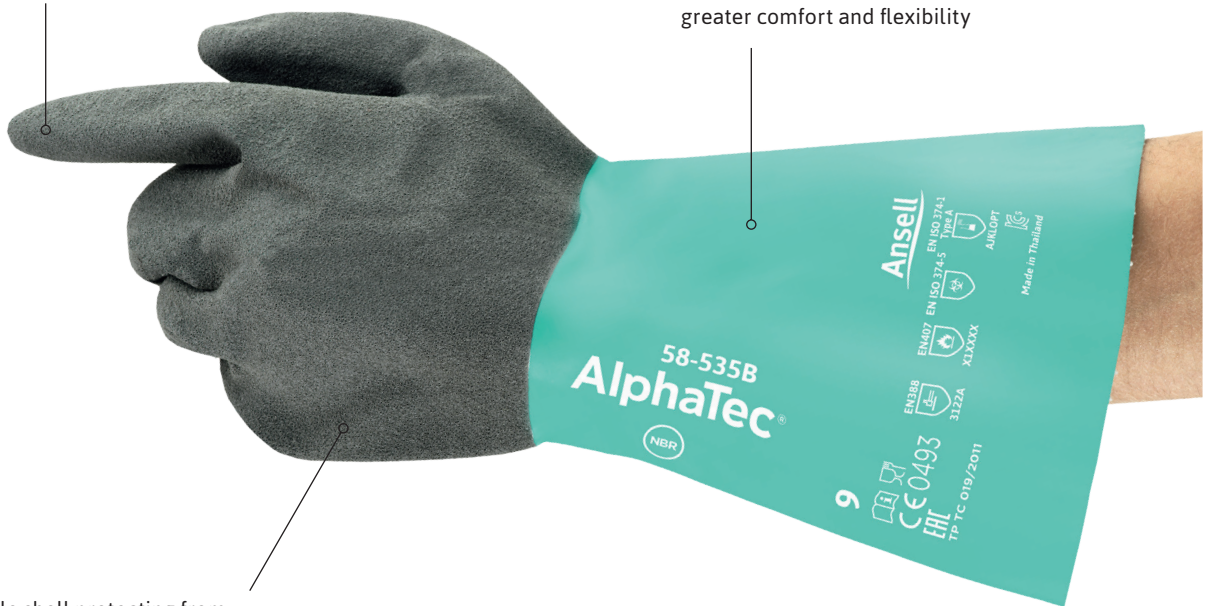


**AlphaTec® 58-535B**

**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



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

<b>Coating material</b>	Nitrile
<b>Liner material</b>	Acrylic
<b>Grip design</b>	ANSELL GRIP™ technology
<b>Cuff style</b>	Gauntlet
<b>Size</b>	7, 8, 9, 10, 11
<b>Length (mm)</b>	356
<b>Packaging</b>	6 pairs in a polybag; 12 polybags in a carton

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

**DESCRIPTION**

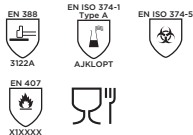
- Featuring ANSELL GRIP™ technology to enable users to handle wet or oily objects with less grip force and more control
- Solid nitrile shell for high protection against exposure to bases, oils, fuels, some solvents and greases
- AlphaTec® models with white nylon liner are recommended for indoor applications,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

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



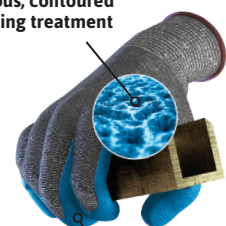
**IDEAL APPLICATIONS**

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

**TECHNOLOGIES**



Porous, contoured coating treatment



Safe handling of tools and materials



**AlphaTec® 37-310/37-320**

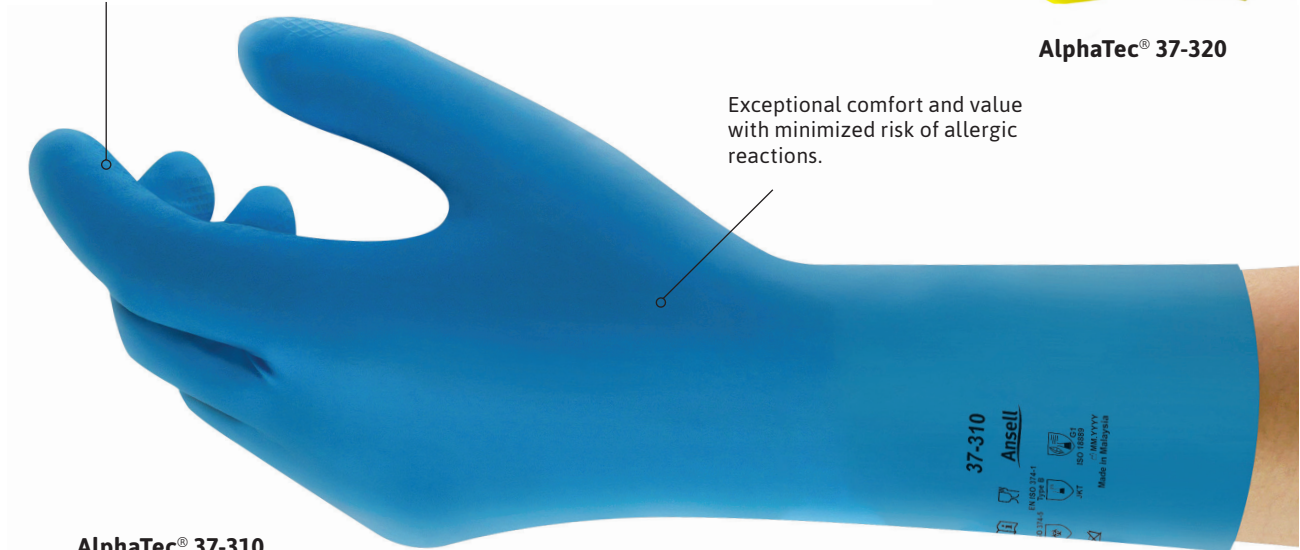
**NITRILE**



Ergonomic fit and feel, combined with all day comfort and outstanding value make this glove the perfect choice for both short and extended wear applications where chemical splashes are a risk.



**AlphaTec® 37-320**



**AlphaTec® 37-310**

Exceptional comfort and value with minimized risk of allergic reactions.

<b>Coating material</b>	Nitrile
<b>Grip design</b>	Reversed lozenge
<b>Cuff style</b>	Gauntlet
<b>Size</b>	7, 8, 9, 10, 11
<b>Length (mm)</b>	310
<b>Packaging</b>	37-310: 12 pairs in a bag; 12 bags in a carton 37-320: 1 pair in a bag; 12 pairs in a master bag; 12 master bags in a carton

**All day comfort at an exceptional value**

**DESCRIPTION**

- 0.2mm thickness allows dexterity and tactility without a loss of durability
- NBR offering protection against light acids, greases, oils and liquids
- Engineered fit to allow optimum balance of fit and flexibility both on its own or as an overglove
- Long cuff extends protection to the forearm
- AQL 1.5

**IDEAL APPLICATIONS**

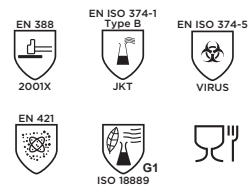
- Production line food contact
- Packaging
- Steaming
- Storing and transportation
- Clean of equipments, tables and floors
- General maintenance
- Equipment, maintenance and repair
- Light assembly in chemical environments
- Painting coating and cleaning
- Plant disinfection and sanitation

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**AlphaTec® 79-340**

**NITRILE**

<b>Coating material</b>	Nitrile
<b>Liner material</b>	Cotton flocking
<b>Grip design</b>	Lozenge
<b>Cuff style</b>	Straight
<b>Size</b>	6.5-7, 7.5-8, 8.5-9, 9.5-10
<b>Length (mm)</b>	300
<b>Thickness (mm)</b>	0.30
<b>Packaging</b>	1 pair in a bag; 12 pairs in a master bag; 12 master bags in a carton



**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**A cotton flocking food approved reusable nitrile glove individually packed**

**DESCRIPTION**

**IDEAL APPLICATIONS**

- Suitable for contact with all fatty foodstuffs
- Contains no natural rubber
- Outstanding mechanical and chemical properties
- Outstanding flexibility, even in cold conditions
- AQL 1.5

- Beef and pork processing
- Fish processing
- Janitorial use
- Poultry processing

**AlphaTec® Solvex® 37-676**

**NITRILE**

<b>Coating material</b>	Nitrile
<b>Liner material</b>	Flocked
<b>Grip design</b>	Reversed lozenge
<b>Cuff style</b>	Gauntlet
<b>Size</b>	7, 8, 9, 10, 11
<b>Length (mm)</b>	330
<b>Thickness (mm)</b>	0.38
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**High-comfort, chemical resistant 17mil/0.43 mm glove for a wide range of applications**

**DESCRIPTION**

**IDEAL APPLICATIONS**

- Delivering strong performance in wet or dry work environments where chemical resistance is crucial
- Ideal choice for safe handling in a wide range of work environments where harsh chemicals are present
- Sandpatch finish of the 37-675 gives the glove a smooth surface that decreases indirect costs thanks to fewer rejects of fragile parts
- AQL 0.65

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

**AlphaTec® Solvex® 37-185/ 37-165**

**NITRILE**

<b>Coating material</b>	Nitrile
<b>Liner material</b>	Unflocked
<b>Grip design</b>	Sandpatch
<b>Cuff style</b>	Gauntlet
<b>Size</b>	7, 8, 9, 10, 11
<b>Length (mm)</b>	<b>37-185:</b> 457 <b>37-165:</b> 380
<b>Thickness (mm)</b>	0.56
<b>Packaging</b>	<b>37-185:</b> 1 pair per polybag; 12 bags in a carton <b>37-165:</b> 12 pairs per inner bag, 6 inner bags per case (72 Pairs)



**AlphaTec® Solvex® 37-165**

**AlphaTec® Solvex® 37-185**

**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
- AlphaTec® 37-185 have 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
- All food processing applications that have food contact
- Forging operations
- Filling, blending and charging of raw materials

**INDUSTRIES**



**EXTRA FEATURES**



**CATEGORY III**

**PERFORMANCE RATINGS**

EN 388:2016 4102X, EN ISO 374-1 Type A AGJKLPT, EN ISO 374-5, ISO 18889 G2

**37-185**

EN 388 4102X, EN ISO 374-1 Type A AGJKLPT, EN ISO 374-5

**37-165**

**AlphaTec® Solvex® 37-175**

**NITRILE**

<b>Coating material</b>	Nitrile
<b>Liner material</b>	Unlined
<b>Grip design</b>	Sandpatch
<b>Cuff style</b>	Gauntlet
<b>Size</b>	6, 7, 8, 9, 10, 11
<b>Length (mm)</b>	330
<b>Thickness (mm)</b>	0.38
<b>Packaging</b>	12 pairs/polybag, 12 polybags/case



**Offer versatile chemical protection of 15 mil, performing across a diverse range of applications**

**DESCRIPTION**

- Combining ruggedness and chemical resistance, protects workers' hands exposed to a greater variety of chemical hazards
- High performance nitrile compound, providing an outstanding combination of chemical resistance and strength, for optimal results in wet or dry work environments
- The glove offers a far superior snag, puncture and abrasion protection, compared with rubber or neoprene gloves
- High levels of flexibility, comfort and dexterity

**IDEAL APPLICATIONS**

- Handling rough machined metal parts
- Equipment repair & maintenance
- Opening and draining pumps valves or lines
- Changing tools and dies
- Handling incoming goods
- Opening furnaces draining pumps valves or lines and crackers BTX process

**INDUSTRIES**



**PERFORMANCE RATINGS**

EN 388 4101X, EN ISO 374-1 Type A JKLOPT, EN ISO 374-5 VIRUS

**AlphaTec® Solvex® 37-176**

**NITRILE**

Coating material	Nitrile
Liner material	Flocked
Grip design	Lozenge
Cuff style	Gauntlet
Size	7, 8, 9, 10, 11
Length (mm)	330
Thickness (mm)	0.38
Packaging	12 pairs/polybag 12 polybags/carton



**Versatile unlined 15 mil chemical glove ,performing across a diverse range of applications**

**INDUSTRIES**

**CATEGORY III**

**DESCRIPTION**

**IDEAL APPLICATIONS**



- Designed to deliver optimal results in wet or dry work environments where chemical resistance is crucial
- Fully reusable, with an unequalled abrasion resistance
- Provides superb comfort for the wearer
- Cotton flocking, reducing sweat for the wearer

- Chemicals manufacturing and spray mixture
- Chemical handling petrochemicals
- Solvents and cleaning agents handling

**PERFORMANCE RATINGS**



**AlphaTec® 08-352/08-354 (ex. Scorpio®)**

**NEOPRENE**

Coating material	Neoprene
Liner material	Interlock cotton
Grip design	Rough finish
Cuff style	Gauntlet
Size	8, 9, 10
Length (mm)	<b>08-352:</b> 300 <b>08-354:</b> 350
Packaging	12 pairs in a bag; 6 bags in a carton



**AlphaTec® 08-352**

**AlphaTec® 08-354**

**Neoprene dipped coating on an interlock knit liner**

**INDUSTRIES**

**CATEGORY III**

**DESCRIPTION**

**IDEAL APPLICATIONS**



- 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

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

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**AlphaTec® 09-430**

**NEOPRENE**

<b>Coating material</b>	Neoprene
<b>Liner material</b>	Cotton jersey
<b>Grip design</b>	Smooth finish
<b>Cuff style</b>	Gauntlet
<b>Size</b>	10
<b>Length (mm)</b>	800
<b>Packaging</b>	12 pairs in a bag; 6 bags in a carton



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

**INDUSTRIES**

**CATEGORY III**



**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

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**AlphaTec® 09-924/09-928**

**NEOPRENE**

<b>Coating material</b>	Neoprene
<b>Liner material</b>	Cotton jersey
<b>Grip design</b>	Smooth finish
<b>Cuff style</b>	Gauntlet
<b>Size</b>	10
<b>Length (mm)</b>	<b>09-924:</b> 350 <b>09-928:</b> 450
<b>Packaging</b>	<b>09-924:</b> 12 pairs in a polybag; 6 polybags in a carton <b>09-928:</b> 12 pairs in a polybag; 3 polybags in a carton



**AlphaTec® 09-924**

**AlphaTec® 09-928**

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

**INDUSTRIES**

**CATEGORY III**



**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

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



AlphaTec® 19-024/19-026

NEOPRENE

Coating material	Neoprene
Liner material	Double insulating liner
Grip design	Rough finish
Cuff style	Gauntlet
Size	8, 10
Length (mm)	19-024: 450 19-026: 660
Packaging	6 pairs in a bag; 2 bags in a carton



AlphaTec® 19-024

AlphaTec® 19-026

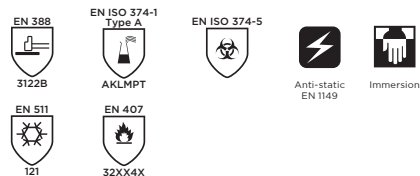
INDUSTRIES



CATEGORY III

PERFORMANCE RATINGS

EXTRA FEATURES



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

AlphaTec® 29-500

NEOPRENE

Coating material	Neoprene
Liner material	Cotton flocking
Grip design	Lozenge
Cuff style	Straight
Size	7, 8, 9, 10, 11
Length (mm)	300
Thickness (mm)	0.70
Packaging	1 pair in a bag; 12 bags in a carton



INDUSTRIES



CATEGORY III

PERFORMANCE RATINGS

EXTRA FEATURES



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



**AlphaTec® 29-865**

**NEOPRENE**

<b>Coating material</b>	Neoprene
<b>Grip design</b>	Sandpatch
<b>Cuff style</b>	Straight
<b>Size</b>	7, 7.5, 8, 8.5, 9, 9.5, 10, 11
<b>Length (mm)</b>	330
<b>Thickness (mm)</b>	0.43
<b>Packaging</b>	12 pairs in a polybag; 12 polybags in a carton



**INDUSTRIES**



**PERFORMANCE RATINGS**



**Broad spectrum chemical protection for a wide range of applications**

**DESCRIPTION**

- Excellent resistance to chemicals, including oils, acids, alcohols, caustics and solvents
- Case hardened to increase chemical and abrasion resistance over ordinary neoprene gloves
- Complies with FDA food handling requirements (21 CFR 177.2600)
- Cotton flock lined for better comfort
- Very good dexterity and sensitivity

**IDEAL APPLICATIONS**

- Electronic manufacture
- Chemical processing
- Oil refining
- Petrochemical industry
- Plastics industry

**AlphaTec® 15-554**

**POLYVINYL ALCOHOL**

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



**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**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

**AlphaTec® 38-514**

**BUTYL**

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



**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**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

**AlphaTec® 38-612**

**VITON®/BUTYL**

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



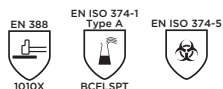
**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**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

**AlphaTec® 02-100**

**LAMINATED FILM**

<b>Coating material</b>	LLDPE laminated film
<b>Grip design</b>	Smooth finish
<b>Cuff style</b>	Gauntlet
<b>Size</b>	7, 8, 9, 10, 11
<b>Length (mm)</b>	380 - 410
<b>Thickness (mm)</b>	0.062
<b>Packaging</b>	1 pair in a bag; 12 pairs in a master bag; 6 master bags in a carton



**INDUSTRIES**

**CATEGORY III**



**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 Trellechem® gastight suits
- AQL 0.065

**IDEAL APPLICATIONS**

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

**PERFORMANCE RATINGS**

**EXTRA FEATURES**

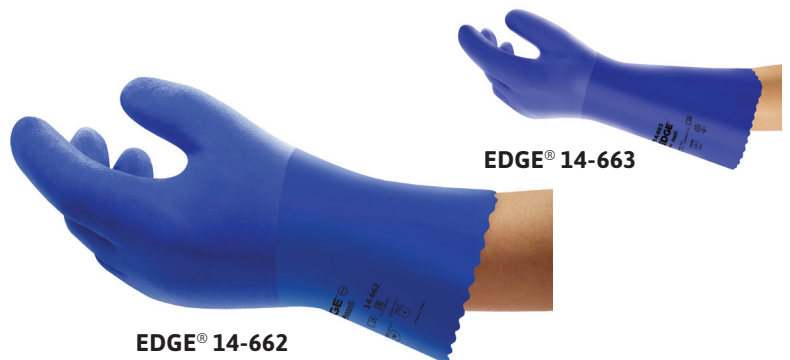


Immersion

**EDGE® 14-662/14-663**

**PVC**

<b>Coating material</b>	PVC
<b>Liner material</b>	Interlock cotton
<b>Grip design</b>	Sandblast
<b>Cuff style</b>	Gauntlet
<b>Size</b>	9, 10
<b>Length (mm)</b>	<b>14-662:</b> 260 <b>14-663:</b> 360
<b>Packaging</b>	12 pairs/polypolybag; 6 polypolybags/carton; 72 pairs/carton



**INDUSTRIES**

**CATEGORY III**



**High quality CE certified chemical resistance PVC coating glove**

**DESCRIPTION**

- Workers exposed to oil, grease, acid, caustics and alcohol require reliable protection to keep their hands safe
- A rough finish protects against abrasions while offering excellent grip, even in wet and oily conditions
- The flexibility and comfort of EDGE® gloves lead to less hand fatigue and better worker efficiency

**IDEAL APPLICATIONS**

- Chemical processing, oil refining and petrochemicals
- Handling equipment and abrasive materials coated with oils, grease and acids
- Plant maintenance

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



Latex-free

AlphaTec® 04-004/04-005

PVC



AlphaTec® 04-005



AlphaTec® 04-004

<b>Coating material</b>	PVC & nitrile blend
<b>Liner material</b>	Seamless cotton liner
<b>Grip design</b>	Foam grip
<b>Cuff style</b>	Gauntlet
<b>Size</b>	8, 9, 10, 11
<b>Length (mm)</b>	<b>04-004:</b> 300 <b>04-005:</b> 380
<b>Packaging</b>	<b>04-004:</b> 12 pairs in a master bag; 6 master bags in a carton <b>04-005:</b> 12 pairs in a master bag; 10 master bags in a carton

**PVC taken to a new level**

**DESCRIPTION**

- Special PVC & nitrile blend coating for wide range of chemical & mechanical protections
- Special foam grip for excellent dry, wet & oil grips
- Seamless cotton lining for extra comfort & flexibility
- Handshape ergonomically fit, superb flexible and strong oil resistance

**IDEAL APPLICATIONS**

- Chemical handling
- Cold storage food handling
- Maintenance & servicing
- General cleaning

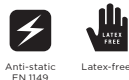
**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**AlphaTec® 87-900**  
(ex. Bi-Colour™)

**NATURAL RUBBER LATEX**



Coating material	Natural rubber latex
Liner material	Cotton flocking
Grip design	Lozenge
Cuff style	Straight
Size	7.5, 8, 9, 10, 11
Length (mm)	323
Thickness (mm)	0.68
Packaging	1 pair in a bag; 12 pairs in a master bag; 12 master bags in a carton

**DESCRIPTION**

- Latex/neoprene blend for reliable protection against a very wide range of chemicals
- Strong and durable, with excellent wet and dry grip
- Quality flock lining in pure cotton to reduce risk of skin irritation
- AQL 0.65

**IDEAL APPLICATIONS**

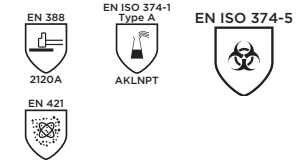
- Aircraft assembly
- Battery manufacture
- Chemical industries
- Electronic manufacture

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



Immersion

**AlphaTec® 87-224**

**NATURAL RUBBER LATEX**



Coating material	Natural rubber latex and neoprene blend
Liner material	Cotton flocking
Grip design	Raised pattern
Cuff style	Pinked
Size	7, 8, 9, 10
Length (mm)	325
Thickness (mm)	0.68
Packaging	1 pair per envelope, 12 envelopes per inner bag, 4 inner bags per carton

**DESCRIPTION**

- Unique dipping process combines neoprene over natural rubber latex for increased protection against a wide range of chemicals
- 0.68 mm / 27 mil 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**

- Maintenance of plant and heavy equipment
- Laboratory maintenance and clean up
- Janitorial use
- Chemical Handling

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**AlphaTec® 87-118**

**NATURAL RUBBER LATEX**



Coating material	Natural rubber latex
Liner material	Cotton flocking
Grip design	Lozenge
Cuff style	Rolled beaded
Size	6.5, 7.5, 8.5, 9.5, 10.5
Length (mm)	320
Thickness (mm)	0.80
Packaging	12 pairs in a bag; 12 bags in a carton

**DESCRIPTION**

- High resistance to water-based chemicals
- Good resistance to abrasion
- Very flexible and suitable for many industrial applications
- Flock lined 100% cotton
- AQL 0.65

**IDEAL APPLICATIONS**

- Chemical processing and preparation
- Heavy duty handling where sensitivity is also required
- Maintenance of plant and heavy equipment

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



Splash

**AlphaTec® 87-198**

**NATURAL RUBBER LATEX**



Coating material	Natural rubber latex
Liner material	Cotton flocking
Grip design	Fishscale
Cuff style	Pinked
Size	7, 8, 9, 10
Length (mm)	305
Thickness (mm)	0.4
Packaging	12 pairs in a bag; 12 bags in a carton

**DESCRIPTION**

- Light duty glove
- 100% cotton flock lining
- Special treatment for water repelling
- Good dexterity and tactility
- FDA food compliance

**IDEAL APPLICATIONS**

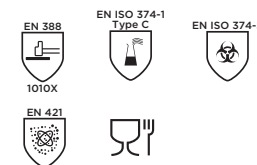
- Poultry Processing
- All food processing applications that have food contact
- Chemical Handling
- Janitorial use

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**AlphaTec® 87-276**

**NATURAL RUBBER LATEX**



Coating material	Natural rubber latex and neoprene blend
Liner material	Polyamide
Grip design	Pebble embossed
Cuff style	Pinked00.1
Size	7, 8, 9, 10,
Length (mm)	290
Thickness (mm)	0.5
Packaging	12 pairs in a bag, 12 bags in a carton

**DESCRIPTION**

- 100% cotton flock lining
- Medium duty glove
- Natural rubber blend with neoprene
- Special wax treated for water repelling
- Chlorinated to reduce risk of allergy
- Food compliant

**IDEAL APPLICATIONS**

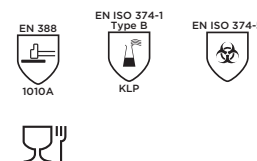
- Food Processing
- Chemical
- Agriculture
- Janitorial / Sanitation

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**AlphaTec® 87-245**

**NATURAL RUBBER LATEX**



Coating material	Natural rubber latex
Liner material	Cotton flocking
Grip design	Diamond
Cuff style	Beaded
Size	6.5, 7.5, 8.5, 9.5
Length (mm)	300
Thickness (mm)	0.43
Packaging	12 pairs per bag; 12 bags in a carton

**DESCRIPTION**

- 100% cotton flock for good comfort
- Diamond grip finish on palm and fingers for good dry grip
- Tear-resistant beaded cuff for easy donning
- AQL 1.5

**IDEAL APPLICATIONS**

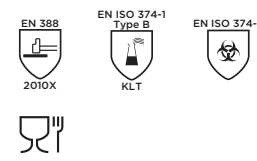
- Food preparation, processing and handling

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**AlphaTec® 87-305**

**NATURAL RUBBER LATEX**

<b>Coating material</b>	Natural rubber latex
<b>Liner material</b>	Unflocked
<b>Grip design</b>	Fishscale
<b>Cuff style</b>	Pinked
<b>Size</b>	7, 8, 9, 10
<b>Length (mm)</b>	300
<b>Thickness (mm)</b>	0.425
<b>Packaging</b>	1 pair in a bag; 12 pairs in a master bag; 12 master bags in a carton



**Great grip, even in wet environments**

**INDUSTRIES**



**CATEGORY III**

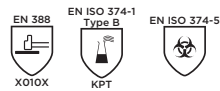
**DESCRIPTION**

- Made from 100% pure latex
- Chlorinated inside to minimise the risk of allergy
- AQL 0.65

**IDEAL APPLICATIONS**

- Beef and pork processing
- Fish processing
- Fruit and vegetable processing
- Poultry processing

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**AlphaTec® 87-085/87-086**

**NATURAL RUBBER LATEX**

<b>Coating material</b>	Natural rubber latex
<b>Liner material</b>	Cotton flocking
<b>Grip design</b>	Diamond
<b>Cuff style</b>	Rolled beaded
<b>Size</b>	6.5, 7.5, 8.5, 9.5
<b>Length (mm)</b>	300
<b>Thickness (mm)</b>	0.43
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



**AlphaTec® 87-085**

**AlphaTec® 87-086**

**Excellent resistance, flexibility and comfort**

**INDUSTRIES**



**CATEGORY III**

**DESCRIPTION**

- Flock lined lightweight glove
- Beaded cuff for tear resistance and easy donning
- Resistant and flexible, very comfortable
- Good abrasion resistance
- AQL 0.65

**IDEAL APPLICATIONS**

- Cleaning
- Detergents and cleaning liquids
- Janitorial use

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**AlphaTec® 87-950/87-955**

**NATURAL RUBBER LATEX**

<b>Coating material</b>	Natural rubber latex
<b>Liner material</b>	Cotton flocking
<b>Grip design</b>	Lozenge
<b>Cuff style</b>	Straight
<b>Size</b>	7.5, 8, 9, 10, 11
<b>Length (mm)</b>	320
<b>Thickness (mm)</b>	0.75
<b>Packaging</b>	1 pair per bag; 12 bags in a master bag; 12 master bags per carton



**AlphaTec® 87-950**



**AlphaTec® 87-955**

**Thicker natural rubber latex glove for extra protection in heavy duty applications**

**DESCRIPTION**

- 50% thicker than standard flock lined gloves
- Extremely high resistance to many ketones, salts, detergents, alcohols, alkalies and fats
- Excellent resistance to mechanical hazards plus increased chemical protection
- Chlorinated
- 100% cotton flock lining to help absorbing perspiration
- AQL 0.65

**IDEAL APPLICATIONS**

- Chemical processing and preparation
- Heavy duty handling where sensitivity is also required
- Maintenance of plant and heavy equipment

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**AlphaTec® 87-104/87-108**

**NATURAL RUBBER LATEX**

<b>Coating material</b>	Natural rubber latex
<b>Liner material</b>	Unflocked
<b>Grip design</b>	Smooth finish
<b>Cuff style</b>	Rolled beaded
<b>Size</b>	7.5, 8.5, 9.5, 10.5
<b>Length (mm)</b>	<b>87-104:</b> 432 <b>87-108:</b> 610
<b>Thickness (mm)</b>	<b>87-104:</b> 1.20 <b>87-108:</b> 1.50
<b>Packaging</b>	1 pair in a bag; 12 bags in a carton



**AlphaTec® 87-108**

**Good mechanical and chemical protection in heavy duty environments**

**DESCRIPTION**

- High resistance to water-based chemicals
- Good flexibility and elasticity preventing tears
- Chlorinated to harden and cleanse the surface of the glove
- AQL 0.65

**IDEAL APPLICATIONS**

- Agriculture
- Chemical and medical research
- Cleaning
- Heavy duty handling where sensitivity is also required
- Maintenance of plant and heavy equipment

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**





**AlphaTec® 87-063**

**NATURAL RUBBER LATEX**

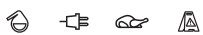
<b>Coating material</b>	Natural rubber latex
<b>Liner material</b>	Cotton flocking
<b>Grip design</b>	Raised pattern
<b>Cuff style</b>	Rolled beaded
<b>Size</b>	7.5, 8.5, 9.5, 10.5
<b>Length (mm)</b>	320
<b>Thickness (mm)</b>	0.75
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



**Great grip, even in wet environments**

**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



Immersion



**DESCRIPTION**

- Long cuff and heavier weight for extra protection; beaded cuff for tear resistance and easy donning
- High resistance to water-based chemicals
- Raised pattern on palms and fingers for excellent dry and wet grip
- Good resistance to abrasion
- AQL 0.65

**IDEAL APPLICATIONS**

- Chemical handling
- Detergents and cleaning liquids
- Electronics
- Janitorial use

**AlphaTec® 87-320**

**NATURAL RUBBER LATEX**

<b>Coating material</b>	Natural rubber latex
<b>Liner material</b>	Cotton flocking
<b>Grip design</b>	Raised pattern
<b>Cuff style</b>	Rolled beaded
<b>Size</b>	7.5, 8.5, 9.5, 10.5
<b>Length (mm)</b>	320
<b>Thickness (mm)</b>	0.75
<b>Packaging</b>	12 pairs in a bag; 12 bags in a carton



**Great grip, even in wet environments**

**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



Immersion



**DESCRIPTION**

- Long cuff and heavier weight for extra protection; beaded cuff for tear resistance and easy donning
- High resistance to water-based chemicals
- Raised pattern on palms and fingers for excellent dry and wet grip
- Good resistance to abrasion
- AQL 0.65

**IDEAL APPLICATIONS**

- Chemical handling
- Detergents and cleaning liquids
- Electronics
- Janitorial use

## SINGLE USE SOLUTIONS

Brand	Style	Page
<b>NBR Nitrile</b> <b>NE Neoprene</b>		
MICROFLEX®	93-260	99
MICROFLEX®	93-360	100
<b>NBR Nitrile</b>		
MICROFLEX®	93-850	101
MICROFLEX®	93-143	102
MICROFLEX®	93-243	102
MICROFLEX® MidKnight™ Touch	93-7321	103
MICROFLEX® Supreno®	93-743	103
MICROFLEX®	93-283	104
MICROFLEX®	93-287	104
TouchNTuff®	92-600	105
TouchNTuff®	92-605	105
TouchNTuff®	92-670	105
TouchNTuff®	93-250	106
TouchNTuff®	93-263	106
EDGE®	82-133	107
EDGE®	82-134	107
EDGE®	82-135	107
Nitrilite®	93-311	108
Versatouch®	92-200	108
<b>NRL Natural rubber latex</b>		
MICROFLEX® Diamond Grip Plus™	63-754	109
EDGE®	82-144	109
AccuTech®	91-210	110
AccuTech®	91-225	110
<b>NE Neoprene</b>		
MICROFLEX® NeoTouch®	25-201	111
TouchNTuff® DermaShield™	73-701	111

**MICROFLEX® 93-260**

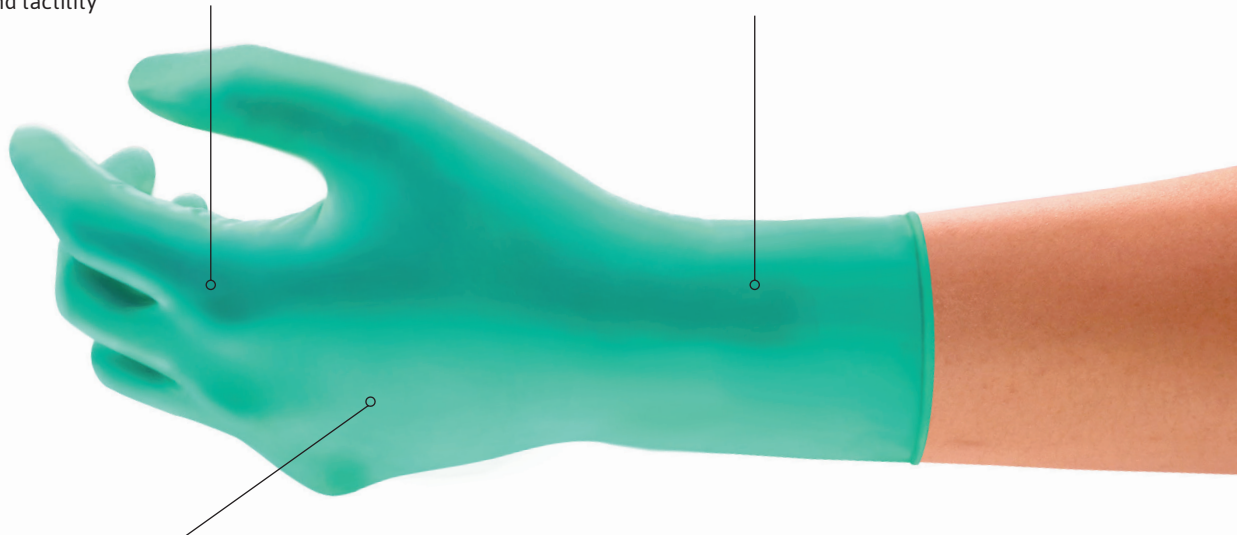
**NITRILE/NEOPRENE**

**Enhanced comfort and dexterity**

Extra soft material and 0.198 mm thickness result in outstanding fit, feel and tactility

**High chemical resistance**

Three-layer design for superior protection against harsh chemicals



**Exceptional product protection**

Silicone-free formulation and processing ensure better product protection

<b>Coating material</b>	Nitrile, Neoprene
<b>Grip design</b>	Textured fingertips
<b>Cuff style</b>	Beaded
<b>Size</b>	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10, 10.5-11
<b>Length (mm)</b>	285 (minimum)
<b>Thickness (mm)</b>	0.198
<b>Packaging</b>	50 gloves per dispenser; 10 dispensers per carton

**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**

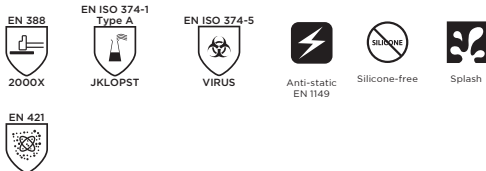
- Blending, compounding materials
- Handling aerospace equipment and parts
- Handling of painting tools including spray guns and robots
- Handling unexpected leaks, spills or other releases
- Maintenance and equipment cleanup
- Mounting and dismantling parts
- Petrochemicals
- Routine and experimental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

**INDUSTRIES**

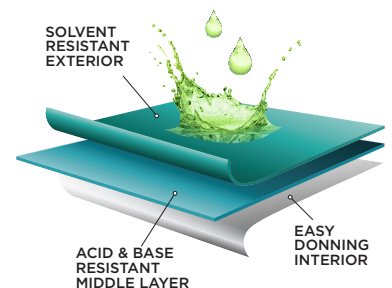


**CATEGORY III**

**PERFORMANCE RATINGS EXTRA FEATURES**



**INNOVATIVE 3 LAYER DESIGN\***



\* The method used to produce the glove is patented.

**MICROFLEX® 93-360**

**NITRILE/NEOPRENE**



<b>Coating material</b>	Nitrile, Neoprene
<b>Grip design</b>	Textured fingertips
<b>Cuff style</b>	Beaded
<b>Size</b>	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10, 10.5-11
<b>Length (mm)</b>	285 (minimum)
<b>Thickness (mm)</b>	0.198
<b>Packaging</b>	50 gloves packed in a vacuum-sealed polybag; 1 bag of 50 gloves per master polybag; 10 master polybags inside a poly case liner placed inside a shipper per carton. 500 gloves per carton

**Thinnest chemical resistant synthetic composite disposable glove for cleanroom environments**

**DESCRIPTION**

- Compatible for cleanroom/controlled environments
- Three layer design for superior protection against harsh chemicals including acids, solvents and bases\*
- Thin mil construction provides enhanced tactility and dexterity
- Nitrile and neoprene composite prevents risk of Type I allergies
- Easy donning interior provides a dry feel and eases the donning and doffing process
- Non-particulating packaging designed to reduce contamination

**IDEAL APPLICATIONS**

- Blending, compounding solids and/or liquids
- Chemical spill or leakage cleanup
- Loading and unloading of process equipment
- Loading wet cakes and unloading dry products
- Maintenance and equipment cleanup
- Sterilizing vials and ampules
- Transferring liquid & solids
- Weighing and dispensing of solids and liquids

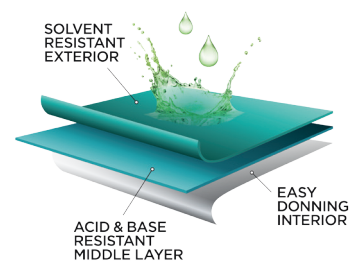
**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS EXTRA FEATURES**

**INNOVATIVE 3 LAYER DESIGN\***



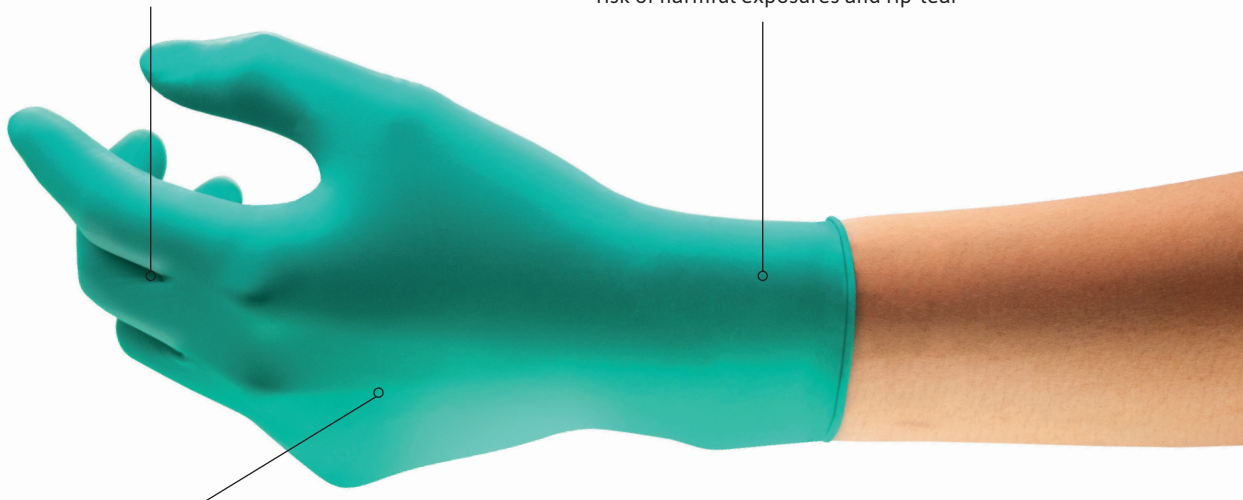
\* The method used to produce this 3 layer design is patent pending.

**MICROFLEX® 93-850**

**NITRILE**

**Increased chemical splash protection**  
compared to standard nitrile gloves

**Highest barrier quality and consistency**  
Low 0.40 AQL means significantly reduced  
risk of harmful exposures and rip-tear



**Soft, durable and splash resistant**  
Made with TNT™ Chemical Splash Resistance  
Technology for comfortable, durable  
protection against hazardous chemicals

<b>Coating material</b>	Nitrile
<b>Grip design</b>	Textured fingertips
<b>Cuff style</b>	Beaded
<b>Size</b>	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10, 10.5-11
<b>Length (mm)</b>	240
<b>Thickness (mm)</b>	0.12
<b>Packaging</b>	100 gloves per dispenser; 10 dispensers per carton <b>Size 10.5-11:</b> 90 gloves per dispenser; 10 dispensers per carton

**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

**INDUSTRIES**



**CATEGORY III**

**IDEAL APPLICATIONS**

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

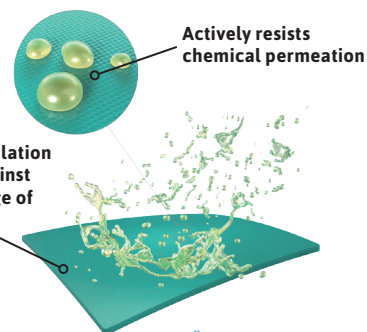
**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**TECHNOLOGIES**



**MICROFLEX® 93-143**

**NITRILE**

Coating material	Nitrile
Grip design	Fully textured
Cuff style	Beaded
Size	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10
Length (mm)	240
Thickness (mm)	0.11
Packaging	100 gloves per dispenser; 10 dispensers per case; 1000 gloves per case



**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**Good mechanical and chemical protection in heavy duty environments**

**DESCRIPTION**

- Versatile disposable glove ideal for a wide variety of industrial applications
- Textured throughout the palm to ensure good grip in wet, dry and oily environment
- Silicone-free for better product protection
- Tested for use with chemotherapy drugs

Remark: fit for special purpose

**IDEAL APPLICATIONS**

- Automotive
- Chemical
- Machinery and Equipment
- Life Sciences
- Food processing

**MICROFLEX® 93-243**

**NITRILE**

Coating material	Nitrile
Grip design	Textured fingers
Cuff style	Beaded
Size	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10, 10.5-11
Length (mm)	400
Thickness (mm)	0.12
Packaging	100 gloves in a bag; 10 bags in a carton



**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**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

**MICROFLEX® MidKnight™ Touch 93-732I**

**NITRILE**

Coating material	Nitrile
Grip design	Textured fingers
Cuff style	Beaded
Size	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10, 10.5-11
Length (mm)	245
Thickness (mm)	0.10
Packaging	100 gloves per dispenser; 10 dispensers per carton



**Provides excellent dexterity along with enhanced comfort fit and feel**

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**TECHNOLOGIES**



**DESCRIPTION**

- Enhanced dexterity and tactility in a thin, yet strong design
- Distinctive black color provides contrast while also hiding the appearance of oils, bodily fluids and other stains
- ERGOFORM™ Design Technology reduces muscle strain during repetitive tasks, improving worker comfort and productivity
- Textured on the fingertips for secure handling of instruments and materials
- Silicone free to ensure advanced product protection

**IDEAL APPLICATIONS**

- General dentistry
- Standard patient examinations
- Emergency services
- Catering/Meal preparation
- General Purpose Auto Aftermarket
- Equipment repair and maintenance
- Laboratory analysis
- Cosmetic Procedures
- Tattoo

**MICROFLEX® Supreno® 93-743**

**NITRILE**

Coating material	Nitrile
Grip design	Fully textured
Cuff style	Beaded
Size	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10
Length (mm)	245
Thickness (mm)	0.11
Packaging	100 gloves per dispenser; 10 dispensers per case; 1000 gloves per case



**Sturdy protection for demanding jobs**

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**DESCRIPTION**

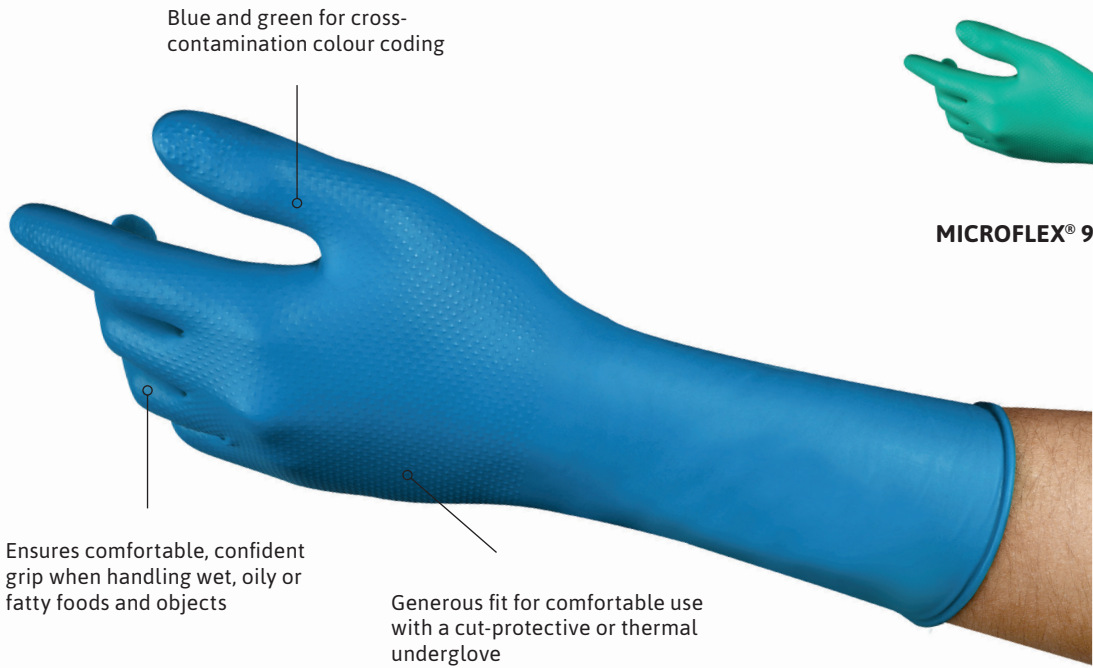
- Durable nitrile formulation for demanding jobs
- Sturdy design for longer wear times
- Exceptional barrier integrity with 0.65 AQL for allowable pinholes
- Textured fingers for a strong, efficient grip
- Polymer coating assures easy donning

**IDEAL APPLICATIONS**

- Automotive
- Automotive Aftermarket
- Life Sciences
- Healthcare

**MICROFLEX® 93-283/93-287**

**NITRILE**



Blue and green for cross-contamination colour coding

Ensures comfortable, confident grip when handling wet, oily or fatty foods and objects

Generous fit for comfortable use with a cut-protective or thermal underglove

**MICROFLEX® 93-287**

**MICROFLEX® 93-283**

<b>Coating material</b>	Nitrile
<b>Grip design</b>	Raised-Diamond Texture
<b>Cuff style</b>	Beaded
<b>Size</b>	6.5-7, 7.5-8, 8.5-9, 9.5-10, 10.5-11, 11.5-12
<b>Length (mm)</b>	300
<b>Thickness (mm)</b>	0.20
<b>Packaging</b>	50 gloves per dispenser; 10 dispensers per carton; 500 gloves per carton <b>Sizes 10.5-11 and 11.5-12:</b> 44 gloves per dispenser; 440 gloves per carton

**Comfortable, confident grip when handling wet, oily, or fatty foods and objects**

**DESCRIPTION**

- Mega texture surface for secure grip
- Generous fit for comfortable use with a cut-protective or thermal underglove
- Robust 0.20mm thickness resists tearing, for product protection
- AQL 1.5

**IDEAL APPLICATIONS**

- Cold storage
- Deboning, carving
- Food packaging
- Handling of frozen foodstuffs
- Janitorial, clean up and maintenance
- Primary food processing
- Processing meat, vegetables and dairy
- Sanitation
- Secondary food processing

**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS EXTRA FEATURES**



Splash



## TouchNTuff® 92-600

## NITRILE



Coating material	Nitrile
Grip design	Smooth design
Cuff style	Rolled beaded
Size	6.5-7, 7.5-8, 8.5-9, 9.5-10
Length (mm)	240
Thickness (mm)	0.12
Packaging	100 gloves per dispenser; 10 dispensers per carton

### 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



### EXTRA FEATURES



## TouchNTuff® 92-605

## NITRILE



Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	6.5-7, 7.5-8, 8.5-9, 9.5-10
Length (mm)	300
Thickness (mm)	0.12
Packaging	100 gloves per dispenser; 10 dispensers per carton

### 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



### EXTRA FEATURES



## TouchNTuff® 92-670

## NITRILE



Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	6.5-7, 7.5-8, 8.5-9, 9.5-10
Length (mm)	240
Thickness (mm)	0.11
Packaging	100 gloves per dispenser; 10 dispensers per carton

### 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

### INDUSTRIES



### CATEGORY III

### PERFORMANCE RATINGS



### EXTRA FEATURES



**TouchNTuff® 93-250**

**NITRILE**

<b>Coating material</b>	Nitrile
<b>Grip design</b>	ANSELL GRIP™ Technology
<b>Cuff style</b>	Beaded
<b>Size</b>	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10
<b>Length (mm)</b>	245
<b>Thickness (mm)</b>	0.125
<b>Packaging</b>	100 gloves per dispenser; 10 dispensers per carton



**Tough protection with superior wet, oily and dry grip**

**INDUSTRIES**



**CATEGORY III**

**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
- Enhanced chemical splash protection
- AQL 1.5

**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
- Maintenance and equipment clean-up
- Picking and assembling wet or dry parts

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



Remark: fit for special purpose

**TECHNOLOGIES**



**TouchNTuff® 93-263**

**NITRILE**

<b>Coating material</b>	Nitrile
<b>Grip design</b>	Fully textured
<b>Cuff style</b>	Rolled beaded
<b>Size</b>	6.5-7, 7.5-8, 8.5-9, 9.5-10, 10.5-11
<b>Length (mm)</b>	355
<b>Thickness (mm)</b>	0.17
<b>Packaging</b>	50 gloves per polybag; 10 polybags per carton



**Reliable protection and performance in hazardous environments**

**INDUSTRIES**



**CATEGORY III**

**DESCRIPTION**

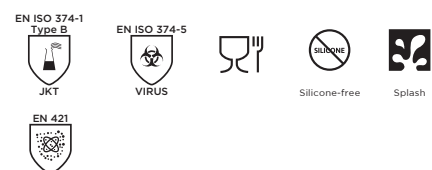
- Chlorinated on the inside to ease the donning
- 355 mm length for added protection of the forearm
- Our thickest single-use nitrile glove
- Excellent puncture resistance and excellent dexterity
- AQL 1.5

**IDEAL APPLICATIONS**

- Chemical handling
- Intricate parts handling
- Laboratory analysis
- Light-assembly tasks

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**EDGE® 82-133**

**NITRILE**



Coating material	Nitrile
Grip design	Textured fingers
Cuff style	Beaded
Size	6.5 - 7, 7.5 - 8, 8.5 - 9, 9.5 - 10
Length (mm)	230
Thickness (mm)	0.06
Packaging	300 gloves per dispenser; 10 dispensers per shipper; 3000 gloves per shipper* *Size XL 250 pieces/dispenser, 2500 pieces/shipper

**DESCRIPTION**

- Manufactured with a thinner nitrile formulation that increases comfort and improves flexibility without compromising protection
- Offers textured fingertips to provide an improved grip for a variety of applications
- Packed 300 gloves per dispenser box to provide additional value and convenience. \*250 pieces/dispenser for size XL

**IDEAL APPLICATIONS**

- Catering, food processing & handling
- Compounding, mixing & blending
- Fastening, screwing & unscrewing parts
- Handling of oily machined parts & paint/glue guns
- Maintenance & equipment cleanup

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**EDGE® 82-134**

**NITRILE**



Coating material	Nitrile
Grip design	Textured fingers
Cuff style	Beaded
Size	6.5-7, 7.5-8, 8.5-9, 9.5-10
Length (mm)	240
Thickness (mm)	0.07
Packaging	100 gloves per dispenser; 10 dispensers per case; 1000 gloves per case

**DESCRIPTION**

- Lightweight construction for tactile sensitivity and fine motor control
- High quality nitrile formulation provides enhanced resistance against rips and tears
- Designed for a broad range of applications across industries
- Silicone free for added product protection

**IDEAL APPLICATIONS**

- Catering/Meal preparation
- Food processing and handling
- Meat, Fish and Food Processing
- Marinating
- Packing of fillets and ground meat
- Equipment, maintenance and repair
- Janitorial, clean up and maintenance
- Personal care and beauty salons

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EDGE® 82-135**

**NITRILE**



Coating material	Nitrile
Grip design	Textured fingers
Cuff style	Beaded
Size	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10, 10.5-11
Length (mm)	240
Thickness (mm)	0.17
Packaging	100 gloves per dispenser; 10 dispensers per case; 1000 gloves per case

**DESCRIPTION**

- Durable nitrile formulation provides dependable protection
- Robust design allows for longer wear times
- Ideal for heavy-duty jobs across a variety of industries and applications
- Fully textured for a firm, safe grip in wet and dry environments
- Available in a broad range of sizes, XS to XXL

**IDEAL APPLICATIONS**

- Equipment, maintenance and repair
- Fastening, screwing, unscrewing parts
- Food processing and handling
- Handling of paint/glue guns and sprayers
- Lab work, blending, compounding, filling, cleaning
- Mechanical jobs
- Maintenance and equipment clean up

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**



**EXTRA FEATURES**



**Nitrilite™ 93-311**

**NITRILE**

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10
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



**Clean nitrile glove for product protection in life sciences and electronics**

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**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

**VersaTouch® 92-200**

**NITRILE**

Coating material	Nitrile
Grip design	Textured fingertips
Cuff style	Rolled beaded
Size	6.5-7, 7.5-8, 8.5-9, 9.5-10, 10.5-11
Length (mm)	240
Thickness (mm)	0.075
Packaging	100 gloves per dispenser; 10 dispensers per carton



**Comfort, dexterity and protection for food processing**

**INDUSTRIES**



**CATEGORY III**

**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**DESCRIPTION**

- Versatile and lightweight
- Textured fingertips for good comfort and tactility for sensitive and precise handling
- Ideal for handling all fatty food
- 92-210/92-220: Polybag packaging ideal for wet environments
- AQL 1.5
- Remark: fit for special purpose

**IDEAL APPLICATIONS**

- Catering
- Dairy processing
- Food distribution
- Prepared meals

**MICROFLEX® Diamond Grip Plus™  
63-754**

**NATURAL RUBBER LATEX**

<b>Coating material</b>	Natural rubber latex
<b>Grip design</b>	Fully textured
<b>Cuff style</b>	Beaded
<b>Size</b>	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10
<b>Length (mm)</b>	245
<b>Thickness (mm)</b>	0.13
<b>Packaging</b>	100 gloves per dispenser; 10 dispensers per carton



**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**Exceptional fit and feel for extended wear**

**DESCRIPTION**

- Thick design for durable protection
- Fully textured for enhanced grip

**IDEAL APPLICATIONS**

- Equipment, maintenance and repair
- All food processing, applications that have food contact
- Sample taking and processing
- Extra comfort during long, sustained procedures
- Standard patient examinations

**EDGE® 82-144**

**NATURAL RUBBER LATEX**

<b>Coating material</b>	Natural rubber latex
<b>Grip design</b>	Textured surface
<b>Cuff style</b>	Beaded
<b>Size</b>	5.5-6, 6.5-7, 7.5-8, 8.5-9, 9.5-10
<b>Length (mm)</b>	240
<b>Thickness (mm)</b>	0.09
<b>Packaging</b>	100 gloves per dispenser; 10 dispensers per shipper carton; 1000 gloves per shipper carton



**INDUSTRIES**

**CATEGORY II**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**Reliable protection, elasticity and comfort**

**DESCRIPTION**

- Thin, elastic formulation for dexterity
- Comfortable fit and easy to slip on
- Fully textured to improve grip
- Designed for multi-purpose applications across all industries
- Available across a broad selection of sizes XS-XL

**IDEAL APPLICATIONS**

- Blending, compounding materials
- Food Processing
- Light cleaning applications
- Maintenance and equipment cleanup
- Routine & experimental testing
- Sorting, quality control and inspection
- Transferring liquid & solids

AccuTech® 91-210

NATURAL RUBBER LATEX

Coating material	Natural rubber latex
Grip design	Textured fingertips
Cuff style	Beaded
Size	6, 6.5, 7, 7.5, 8, 8.5, 9
Length (mm)	280
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



Sterile Disposable Latex Glove

DESCRIPTION

- Thick latex glove designed for comfort and dexterity
- Compatible with Class 10 (ISO 4) / Grade A Clean Room environments
- Very low levels of extractables and particles
- Low protein content reduces risk of allergy

IDEAL APPLICATIONS

- Aseptic filling and labelling
- Blending, compounding solids and liquids
- Sample taking and processing
- Transferring liquids and solids

INDUSTRIES

CATEGORY III



PERFORMANCE RATINGS

EXTRA FEATURES



Sterile

Splash

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)	0.23
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



Sterile Disposable Latex Glove

DESCRIPTION

- Thick latex glove designed for comfort and dexterity
- Compatible with Class 100 (ISO 5) / Grade A Clean Room environments
- Low protein content reduces risk of allergy

IDEAL APPLICATIONS

- Aseptic filling and labelling
- Blending, compounding solids and liquids
- Sample taking and processing
- Transferring liquids and solids

INDUSTRIES

CATEGORY III



PERFORMANCE RATINGS

EXTRA FEATURES



Sterile

Splash

**MICROFLEX® NeoTouch® 25-201**  
(ex. NeoTouch®)

**NEOPRENE**

<b>Coating material</b>	Neoprene
<b>Grip design</b>	Textured fingertips
<b>Cuff style</b>	Rolled beaded
<b>Size</b>	6.5-7, 7.5-8, 8.5-9, 9.5-10
<b>Length (mm)</b>	290
<b>Thickness (mm)</b>	0.13
<b>Packaging</b>	100 gloves per dispenser; 10 dispensers per carton



**INDUSTRIES**

**CATEGORY III**



**PERFORMANCE RATINGS**

**EXTRA FEATURES**



**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

**IDEAL APPLICATIONS**

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

**TouchNTuff® DermaShield™ 73-701**

**NEOPRENE**

<b>Coating material</b>	Neoprene
<b>Grip design</b>	Textured fingertips
<b>Cuff style</b>	Straight
<b>Size</b>	6, 6.5, 7, 7.5, 8, 8.5, 9
<b>Length (mm)</b>	310
<b>Thickness (mm)</b>	0.19
<b>Packaging</b>	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**

**EXTRA FEATURES**



**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 SureFittm 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
- Blending, compounding solids and liquids
- Sample taking and processing

**TECHNOLOGIES**



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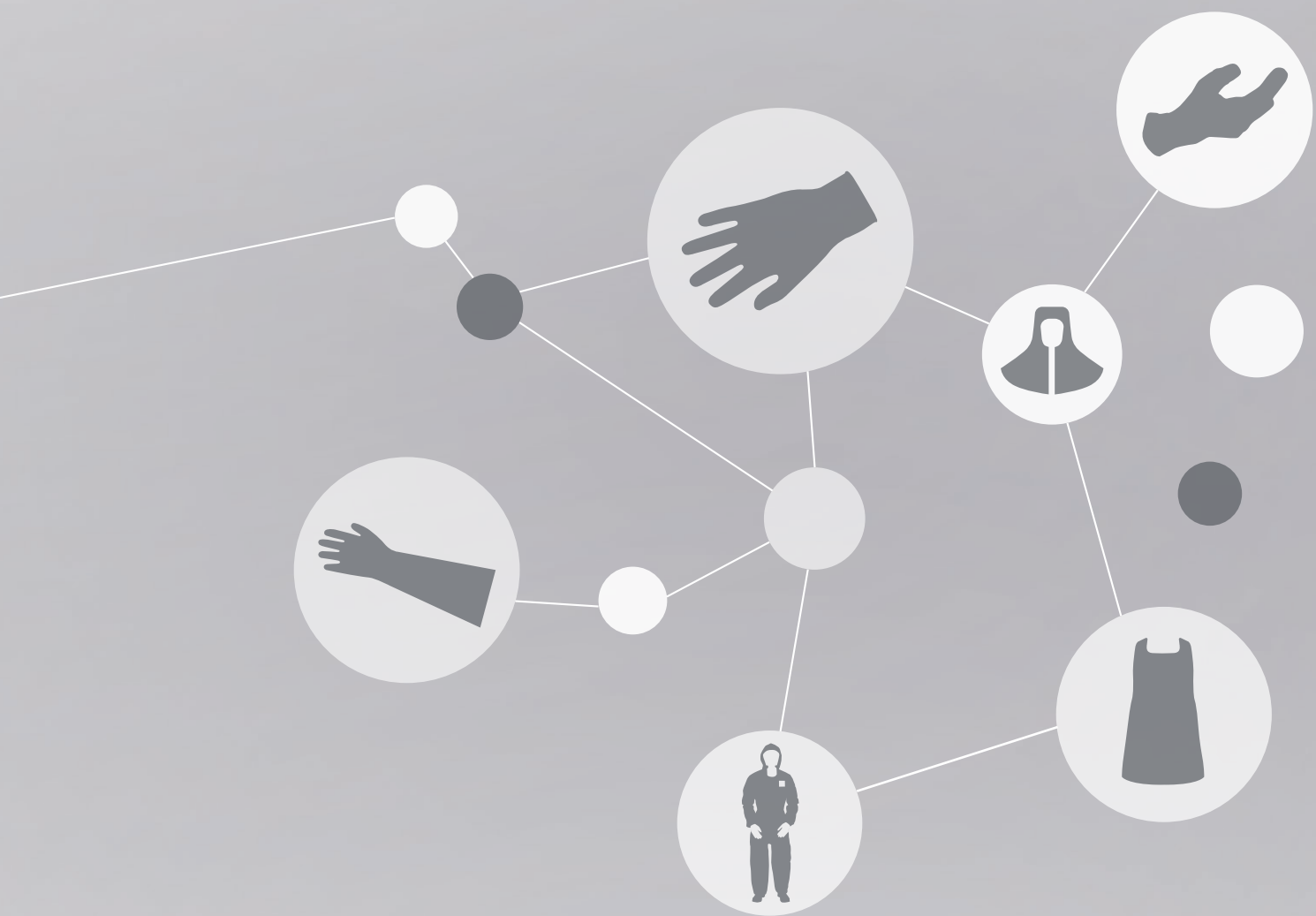
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