

Ansell

ANSELL SAFETY SOLUTIONS FOR UNITED STATES DISTRIBUTION



ANSELL SAFETY SOLUTIONS GUIDE

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About Ansell

Every day, millions of people around the world depend on Ansell in their professional and personal lives. With Ansell, they always know they are safer or can perform better – because our category expertise, innovative products and advanced technology give them a peace of mind and confidence that no other brand can deliver.

Ansell Protects.

YOUR SAFETY SOLUTIONS PARTNER

Products engineered by Ansell are trusted to deliver the optimum balance of comfort, performance and protection. From our HyFlex® to AlphaTec® to MICROFLEX® brands, we provide customers with tailored solutions to improve worker's safety and productivity. Ansell is your trusted partner for a full range of hand and body protection products, and a complete range of value added services to help you grow your business.

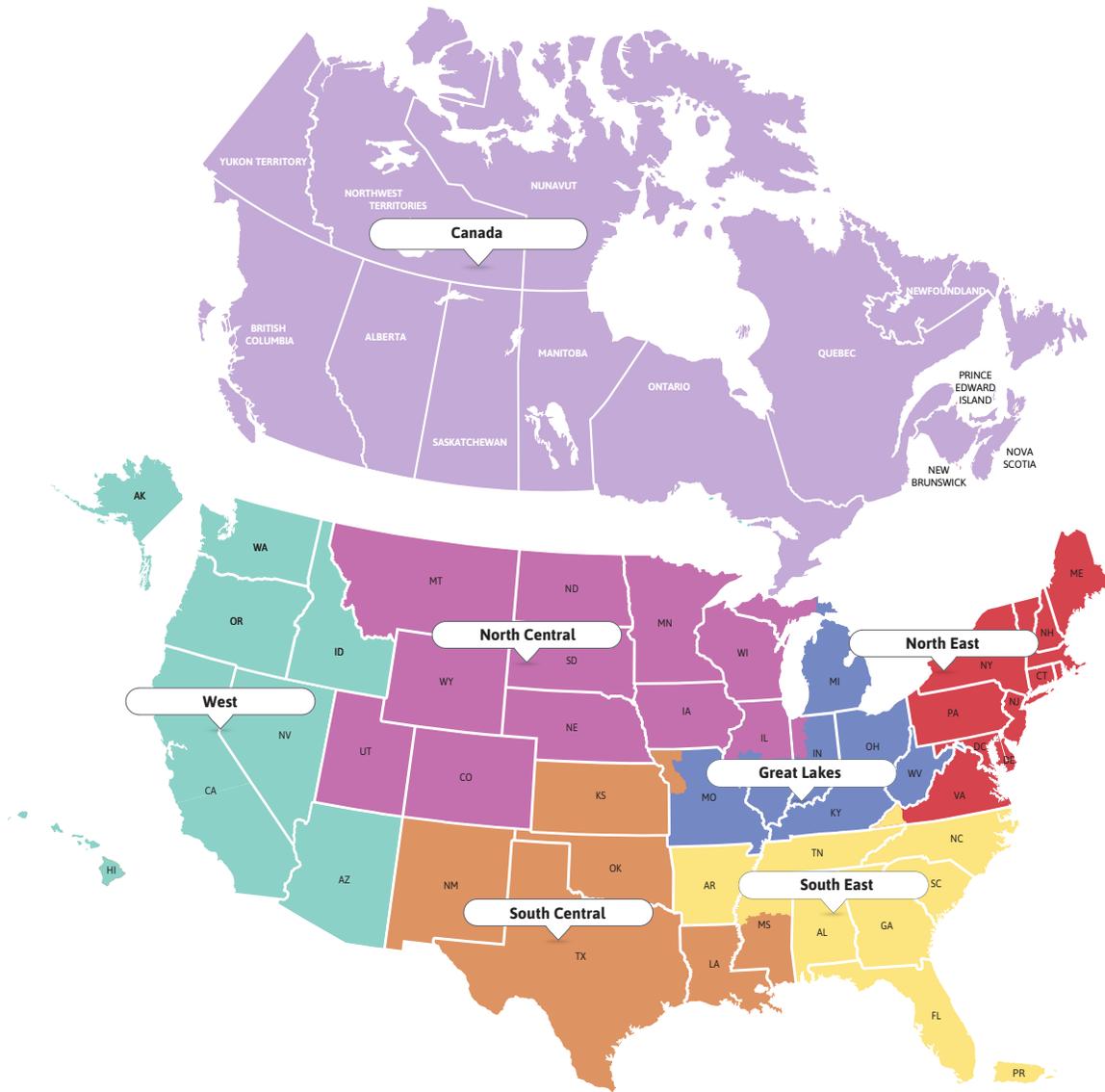
KEEPING WORKERS SAFE, THROUGH A GLOBAL PRESENCE, COST EFFICIENT SUPPLY CHAIN, AND A WORLD CLASS PORTFOLIO

Across the wide range of work site applications in manufacturing and processing plants around the world, workers face many conflicting demands. They are asked to deliver increased productivity while at the same time remaining compliant with process and product protection mandates. **Ansell's comprehensive offering of solutions can help meet end user needs and protect workers from personal injury while still reducing operating costs for a business.**



*Source: Internal Audit

ANSELL INDUSTRIAL MARKET SALES TEAM



More than 125 sales team resources in the North American Region*

NORTH AMERICA REGION SALES & MARKETING ORGANIZATION

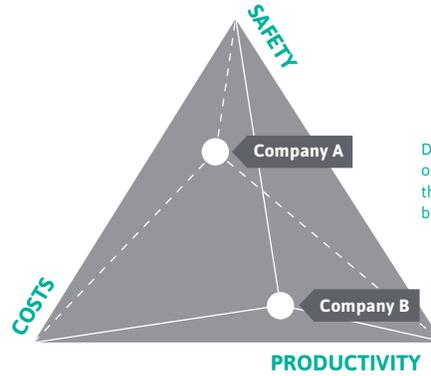


*Head Count for North America region sales team as of December 2019

AnsellGUARDIAN®: MAXIMIZING SAFETY AND PERFORMANCE

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 organizations around the world to address the challenges in today's PPE environment and deliver measurable safety and business improvements.

Safety/Compliance

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

CLIENT NAME HERE

Application Assessment

SAFETY	COMFORT / PRODUCTIVITY	PROTECTION

SOLUTIONS

Current Solution	Recommended Solution	AK Solution 1	AK Solution 2
HyFlex 11-224 (95% D)			

OBSERVATIONS

No PPE requirements for the types of equipment or material handling operations in the scope of this application assessment. Best practices and equipment selection are detailed in the recommendations section.

Permeation Breakthrough Times

Material	Chemical	Time to Breakthrough (min)							
AK-11-224	Hydrocarbon	120	120	120	120	120	120	120	120
AK-11-224	Acetone	120	120	120	120	120	120	120	120
AK-11-224	Formaldehyde	120	120	120	120	120	120	120	120
AK-11-224	Hydrochloric Acid	120	120	120	120	120	120	120	120
AK-11-224	Sulfuric Acid	120	120	120	120	120	120	120	120
AK-11-224	Hydrofluoric Acid	120	120	120	120	120	120	120	120
AK-11-224	Phenol	120	120	120	120	120	120	120	120
AK-11-224	Ammonia	120	120	120	120	120	120	120	120
AK-11-224	Hydrogen Sulfide	120	120	120	120	120	120	120	120
AK-11-224	Hydrogen Cyanide	120	120	120	120	120	120	120	120
AK-11-224	Carbon Monoxide	120	120	120	120	120	120	120	120
AK-11-224	Hydrogen Peroxide	120	120	120	120	120	120	120	120
AK-11-224	Hydroperoxide	120	120	120	120	120	120	120	120
AK-11-224	Organic Peroxide	120	120	120	120	120	120	120	120
AK-11-224	Hydroxide	120	120	120	120	120	120	120	120
AK-11-224	Acid	120	120	120	120	120	120	120	120
AK-11-224	Alkali	120	120	120	120	120	120	120	120
AK-11-224	Organic Solvent	120	120	120	120	120	120	120	120
AK-11-224	Inorganic Solvent	120	120	120	120	120	120	120	120
AK-11-224	Flammable Gas	120	120	120	120	120	120	120	120
AK-11-224	Non-Flammable Gas	120	120	120	120	120	120	120	120
AK-11-224	Flammable Liquid	120	120	120	120	120	120	120	120
AK-11-224	Non-Flammable Liquid	120	120	120	120	120	120	120	120
AK-11-224	Flammable Solid	120	120	120	120	120	120	120	120
AK-11-224	Non-Flammable Solid	120	120	120	120	120	120	120	120
AK-11-224	Explosive	120	120	120	120	120	120	120	120
AK-11-224	Radioactive	120	120	120	120	120	120	120	120
AK-11-224	Biological	120	120	120	120	120	120	120	120
AK-11-224	Chemical	120	120	120	120	120	120	120	120
AK-11-224	Physical	120	120	120	120	120	120	120	120
AK-11-224	Electrical	120	120	120	120	120	120	120	120
AK-11-224	Mechanical	120	120	120	120	120	120	120	120
AK-11-224	Thermal	120	120	120	120	120	120	120	120
AK-11-224	Acoustic	120	120	120	120	120	120	120	120
AK-11-224	Optical	120	120	120	120	120	120	120	120
AK-11-224	Magnetic	120	120	120	120	120	120	120	120
AK-11-224	Electromagnetic	120	120	120	120	120	120	120	120
AK-11-224	Ionizing Radiation	120	120	120	120	120	120	120	120
AK-11-224	Non-Ionizing Radiation	120	120	120	120	120	120	120	120
AK-11-224	Ultraviolet	120	120	120	120	120	120	120	120
AK-11-224	Infrared	120	120	120	120	120	120	120	120
AK-11-224	Visible Light	120	120	120	120	120	120	120	120
AK-11-224	Radio Frequency	120	120	120	120	120	120	120	120
AK-11-224	Static Electricity	120	120	120	120	120	120	120	120
AK-11-224	Electrostatic Discharge	120	120	120	120	120	120	120	120
AK-11-224	Corrosive	120	120	120	120	120	120	120	120
AK-11-224	Flammable	120	120	120	120	120	120	120	120
AK-11-224	Explosive	120	120	120	120	120	120	120	120
AK-11-224	Radioactive	120	120	120	120	120	120	120	120
AK-11-224	Biological	120	120	120	120	120	120	120	120
AK-11-224	Chemical	120	120	120	120	120	120	120	120
AK-11-224	Physical	120	120	120	120	120	120	120	120
AK-11-224	Electrical	120	120	120	120	120	120	120	120
AK-11-224	Mechanical	120	120	120	120	120	120	120	120
AK-11-224	Thermal	120	120	120	120	120	120	120	120
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AK-11-224	Electromagnetic	120	120	120	120	120	120	120	120
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AK-11-224	Non-Ionizing Radiation	120	120	120	120	120	120	120	120
AK-11-224	Ultraviolet	120	120	120	120	120	120	120	120
AK-11-224	Infrared	120	120	120	120	120	120	120	120
AK-11-224	Visible Light	120	120	120	120	120	120	120	120
AK-11-224	Radio Frequency	120	120	120	120	120	120	120	120
AK-11-224	Static Electricity	120	120	120	120	120	120	120	120
AK-11-224	Electrostatic Discharge	120	120	120	120	120	120	120	120

Increased safety and compliance

Productivity

Best practice recommendations to optimize 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 OSHA Cost	\$25,000	\$22,000	\$3,000
Total Over-Production Cost	\$87,000	\$54,000	\$33,000
Total Transportation Cost	\$95,000	\$48,000	\$47,000
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
TOTAL COST OF WASTE	\$317,000	\$247,000	\$70,000

Estimated % Reduction: 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%
TOTAL SAVINGS	TOTAL SAVINGS
\$154,500	18%

CLIENT NAME HERE

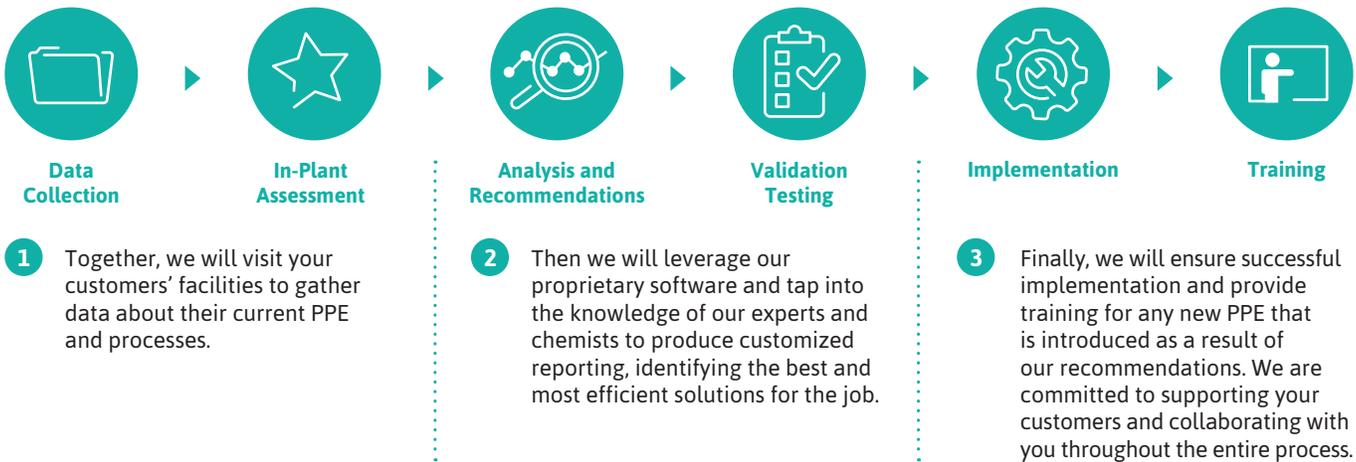
Cost Performance Summary

CURRENT ANNUAL USAGE				RECOMMENDED ANNUAL USAGE						
Application	Product	SKU	Volume	Cost	Application	Product	SKU	Volume	Cost	
Construction Work	HyFlex 11-224	48-02	5	1000	1000	HyFlex 11-224	48-02	5	1000	2000
Construction Work	HyFlex 11-224	48-02	4	2000	2000	HyFlex 11-224	48-02	4	1200	1400
Construction Work	HyFlex 11-224	48-02	3	700	800	HyFlex 11-224	48-02	3	700	1400
HyFlex 11-224	48-02	3	200	700						
HyFlex 11-224	48-02	2	300	800						
HyFlex 11-224	48-02	2	300	800						
TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	
74%	13,700	64%	8	60%	\$26,100					

Lower costs

How We Do It:

Join us every step of the way as we evaluate your customers' needs, make recommendations, and implement solutions to reduce injuries, increase productivity, and achieve cost savings.



How AnsellGUARDIAN® Can Help You:

By offering AnsellGUARDIAN® assessments to your customers, you can increase customer acquisition and retention, and drive incremental sales.



Get Started:

Contact your Sales Representative and start strengthening relationships with your customers today.



Learn more about AnsellGUARDIAN®, and how it can benefit you and your customers.



Review case studies and success stories.



Get support. We will help you start the conversation with your customers and communicate the benefits that AnsellGUARDIAN® can deliver.

Together, we will help **you** drive sales and increase customer retention, while helping **your customers** improve safety, increase productivity, and reduce costs!

AnsellGUARDIAN® PARTNER: CHEMICAL PROTECTION SOLUTIONS

CHEMICAL GLOVE AND SUIT SELECTION SIMPLIFIED

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



AnsellGUARDIAN® Partner

evaluates the resistance of glove and suit materials against your chemicals to offer a risk assessment with expected permeation breakthrough times. The AnsellGUARDIAN® Partner 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. 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.

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

Material safety data sheet (MSDS)



Software assessment

Gloves

Material	Butyl	LDPE	Naprene	Nitrile	Nitrile	Nitrile	Nitrile	Nitrile	Nitrile/Naprene	Viton Butyl			
Thickness (mm)	0.35	0.862	N.A.	0.12	0.38	0.425	N.A.	N.A.	0.19	0.7			
Product Name / Style	Chem-Tek	Barrier	Scorpion	TouchN'Tuff	Solvex	Solvex	AlphaTec	AlphaTec	Microflex	Chem-Tek			
Type	CAS	Chemical name	%	38-814	83-100	88-322-334	89-999-695	31-415-614	37-460	58-128	58-536-333	83-263	38-428
kgf	110-54-3	n-Hexane	100	<10	>480	54	>480	>480	>480	>480	>480	>480	>480
kgf	123-98-4	Butyl acetate	100	10-120	>480	5	>480	20	47	<10	27	10-30	100
kgf	7664-93-0	Sulphuric acid	98	>480	>480	>480	>480	>480	>480	>480	>480	>480	>480

Clothing

Suit Type	Non-Gaslight	Non-Gaslight	Non-Gaslight	Non-Gaslight	Gaslight	Gaslight	Gaslight			
Brand	MICROGARD	MICROCHEM	MICROCHEM	MICROCHEM	TRELLICHEM	TRELLICHEM	TRELLICHEM			
Type	CAS	Chemical name	%	3300	3600	4800	3600	SUPER	VPS	EVO
kgf	100-42-0	Styrene	100	<10	30	>480	>480	>480	>480	>1480
kgf	82-56-1	Methanol	100	>480	>480	>480	>480	>480	>480	>1480
kgf	82-64-1	Acetone	100	<10	20	>480	>480	>480	>480	>1480

Evaluation

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

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



Simplification

Permeation breakthrough times - BT_{1.0}

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

➔ For more information on AnsellGUARDIAN®, please visit <https://www.ansellguardianpartner.com/>

*Data based upon AnsellGUARDIAN® global surveys since 2014. Final results may vary



Worker Experience Innovation

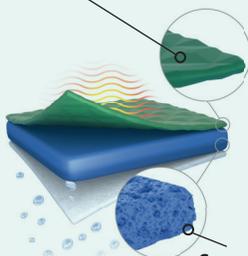
Built on over 125 years of experience in product innovations that improve worker experience, Ansell has a range of proprietary technologies that differentiate our products from the competition. Worker Experience Innovation by Ansell focuses on three benefit-based innovation platforms – comfort, performance and protection.

COMFORT TECHNOLOGIES

AQUADRI™
Moisture Management Technology

AQUADRI™ Technology produces drier, cooler and more comfortable fit that dries the hand by dissipating heat, or through an open-celled foam layer that wicks moisture into its micropores, or both.

Thermal management properties

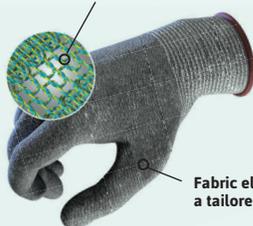


Composite moisture wicking material

ZONZ™
Comfort Fit Technology

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

Open weave zones for ventilation and dexterity



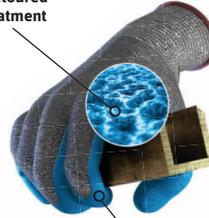
Fabric elasticity for a tailored fit

PERFORMANCE TECHNOLOGIES

ANSELL GRIP™
Ansell Grip Technology

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

Porous, contoured coating treatment

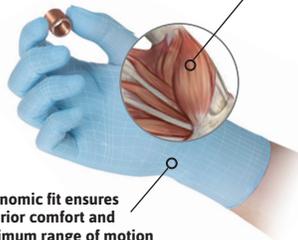


Safe handling of tools & materials

ERGOFORM™
Ergonomic Design Technology

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

Our design reduces stress on joints, ligaments and tendons

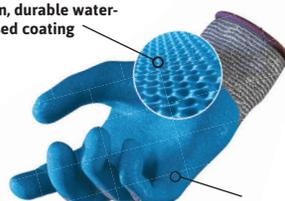


Ergonomic fit ensures superior comfort and maximum range of motion

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.

Thin, durable water-based coating

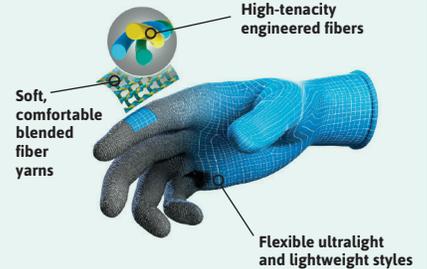


A clean glove free from solvents

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.

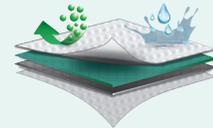


High-tenacity engineered fibers

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.*

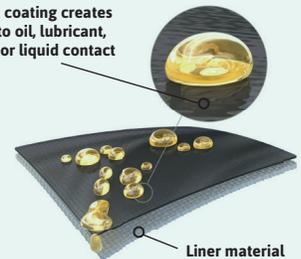
Multi-layer barrier to particulate, liquid and gaseous chemicals



RIPEL™
Liquid Repellence Technology

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

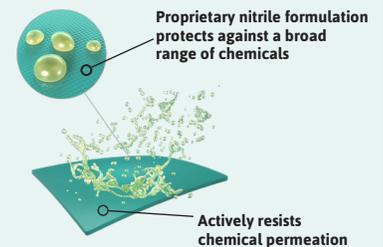
Repellent coating creates a barrier to oil, lubricant, chemical or liquid contact



Liner material

TNT™
Chemical Splash Resistance Technology

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



Proprietary nitrile formulation protects against a broad range of chemicals

Actively resists chemical permeation



ANSELL SKIN FRIENDLY & ERGONOMIC SOLUTIONS

What is OEKO-TEX®?

OEKO-TEX® offers a consistent, independent testing and certification system for raw, semi-finished and finished textile products. The focus is on ensuring textile manufacturing processes are conducted in compliance with key regulatory requirements. Especially with regard to banned substances like Azo colorants, formaldehyde, pentachlorophenol, cadmium, nickel and more. OEKO-TEX® also adheres to the requirements from the US Consumer Product Safety Improvement Act (CPSIA) regarding lead usage. The test criteria employed by OEKO-TEX® goes beyond the necessary national and international regulations in assessing the quality of materials used to protect wearers.



What does “Dermatologically Tested” mean?

The skin friendliness of our gloves is evaluated by an external German laboratory to ensure a fair and accurate assessment. The irritant potential of our products is examined in a 3 x 24-hour patch test on 32 subjects. Areas such as the cuff, palm and back of the hands will be tested. After 24 hours of wear, a trained grader will assess the skin irritation caused by the different products. If the grader concludes that the test has induced no skin irritation at all, then Ansell would be allowed to claim that the skin tolerability of these products is rated good. This will establish that the product has been ‘Dermatologically Tested’.



What is United States Certified Ergonomics?

United States Certified Ergonomics is a certification that proves a product provides quantifiable ergonomic benefits to the wearer by increasing comfort & fit by minimizing the strain, fatigue and/ or other risk factors associated with musculoskeletal injuries. Certification is determined by executing a series of demanding tests that were specifically developed for hand and arm PPE. For an Ansell product to be certified, the product must demonstrate a performance level that meets or exceeds the criteria threshold as established in existing standards and research or which adheres to the basic principals of ergonomics, biomechanics and other human factors.



Discover Our Range of Skin Friendly/Ergonomic Certified Products

GLOVES	OEKO-TEX®	DERMATEST®	CERTIFIED ERGONOMICS
CERTIFIED MULTIPURPOSE GLOVES			
11-618		✓	
11-800	✓	✓	
11-801	✓	✓	
11-812	✓	✓	✓
11-816	✓	✓	✓
11-818	✓	✓	
11-840	✓	✓	✓
CERTIFIED CUT PROTECTION GLOVES			
11-318	✓		
11-423		✓	
11-425		✓	
11-518		✓	
11-724		✓	
11-727		✓	
11-738	✓	✓	
11-931	✓	✓	✓
11-937	✓	✓	✓
11-939	✓	✓	✓
11-947	✓		
CERTIFIED CUT PROTECTIVE SLEEVES			
11-250	✓		
11-251	✓		
11-280	✓		
11-281	✓		

ANSELL OFFERS A COMPREHENSIVE RANGE OF PROTECTION SOLUTIONS TO COVER WORKER NEEDS ACROSS A WIDE RANGE OF INDUSTRIAL & LIFE SCIENCES APPLICATIONS.

Mechanical Protection: Workers need mechanical protection from cuts, abrasion and punctures in daily operations. Ansell offers a comprehensive range of mechanical gloves and sleeves, as well as impact and fire protection solutions, to cover worker needs in a variety of industries and applications.

Disposable Protection: Designed with advanced material formulations and proprietary technologies, Ansell disposable gloves and garments offer unique benefits like superior dexterity and grip, enhanced chemical resistance and improved hand health.

Chemical Protection: No single material can resist all dangerous chemicals, and chemical exposure risks can range from liquid splash to full immersion. Selecting the right chemical protection requires an understanding of the work environment and regulations governing these chemicals. Ansell has an extensive portfolio of chemical gloves and sleeves to protect workers in a wide-range of environments, as well as a comprehensive range of protective clothing from light splash and particulate protection to gas tight suits.

Critical environment product and personal protection: Ansell's life sciences innovative protection solutions focus on product and personal protection offering sterile and non-sterile single use gloves, body and face protection processed and packed within a cleanroom environment to meet stringent industry regulations and standards.

Brand	Category	Description	Attributes
	Specialty Impact Hand Protection	An innovator in the specialty hand protection segment with an emphasis on technological advancements in impact protection that deliver durable comfort and dexterity in challenging environments.	<ul style="list-style-type: none"> • All-conditions visibility • All-conditions thermal protection • Flame resistant • Impact resistant • Touchscreen friendly
	Mechanical Protection/ Hand & Body Protection	ActivArm® Personal Protective Gear from Ansell is designed and engineered to offer you specialized protection for unpredictable risk environments.	<ul style="list-style-type: none"> • All-conditions visibility • All-conditions thermal protection • Flame resistant • Impact resistant • Vibration resistant
	Chemical Protection/ Hand & Body Protection	Hand protection and safety apparel optimized to provide an ideal balance of comfort, performance and protection for workers in industrial managed risk environments.	<ul style="list-style-type: none"> • Multi-duty selection • Moisture management • Supported ranges • Unsupported ranges • Wet/dry grip selection • Wide polymer selection
	Critical Environments/ Disposable Hand & Body Protection	BioClean™ gloves and garments offer a vast range of products that provide head-to-toe protection for operators within the life sciences segment. They provide a range of protection solutions, from gloves to goggles to garments, for worker protection in critical environments.	<ul style="list-style-type: none"> • Diverse style variants • Sterile/non-sterile • Disposable gloves and garments • Autoclavable or disposable goggles
	Mechanical Protection/ Hand & Body Protection	HyFlex® gloves and sleeves offer the optimal balance of flexibility and performance. Advanced mechanical protection for managed risk environments.	<ul style="list-style-type: none"> • Abrasion and cut resistant • Multi-purpose • Multi-duty • Oil repellent • Ultralight
	Single Use	MICROFLEX® single use gloves are built to outperform the competition by providing superior protection, pushing the boundaries of disposable glove performance and enhancing productivity.	<ul style="list-style-type: none"> • Color choices • Variety of thicknesses • Multiple grip textures • Sterile/non-sterile • Wide polymer selection
	Single Use	TouchNTuff® single use gloves provide superior tactility and high resilience in wet and dry industrial, lab and controlled environments.	<ul style="list-style-type: none"> • Color choices • Variety of thicknesses • Multiple grip textures • Sterile/non-sterile • Wide polymer selection

Your partner for Vending Solutions

Ansell is your source for vending program needs across the range of our hand and body protection portfolio. With our expanded vend offering and new on-site vending capabilities at our US location, Ansell is ready to partner with you to keep your workers safe.



ANSELL VENDING SOLUTIONS: Designed to save you time and money!

A wide range of hand and body protection products including brands like HyFlex®, AlphaTec® and TouchNTuff®



Successfully placed in over 50,000 vending machines worldwide



Compatible with most leading vending machines

A vending concept that reduces End User operating costs

- Products that are vending packaged to consistent dimensions and master packs to reduce refill time
- Vending dispensers drive better workplace adoption of standardized products and improve inventory management
- 70 styles available to eliminate the need of wrapping product on site

Sales & Operations support

- Vending solutions that are fully integrated into our patented AnsellGUARDIAN® system
- On-demand sales data and product placement portfolio rationalization tools
- **NEW: Improved agility in delivering the solutions you need quickly with our in-house vend packing capabilities**

CONTACT YOUR ANSELL REPRESENTATIVE TODAY FOR MORE INFORMATION



VEND-READY AVAILABLE STYLES

BRAND	STYLE
CUT RESISTANT GLOVES & SLEEVES	
HyFlex®	11-251
HyFlex®	11-425
HyFlex®	11-515
HyFlex®	11-518
HyFlex®	11-531
HyFlex®	11-537
HyFlex®	11-539
HyFlex®	11-541
HyFlex®	11-542
HyFlex®	11-550
HyFlex®	11-644
HyFlex®	11-724
HyFlex®	11-727
HyFlex®	11-735
HyFlex®	11-738
HyFlex®	11-751
HyFlex®	11-927
HyFlex®	11-931
HyFlex®	11-937
HyFlex®	11-939
HyFlex®	70-215
HyFlex®	70-330
ActivArmr®	70-765
HyFlex®	74-048
ActivArmr®	80-813
ActivArmr®	97-002
ActivArmr®	97-003
ActivArmr®	97-008
ActivArmr®	97-013
ActivArmr®	97-100

BRAND	STYLE
MULTI-PURPOSE GLOVES & SLEEVES	
HyFlex®	11-600B
HyFlex®	11-600
HyFlex®	11-618
HyFlex®	11-800
HyFlex®	11-801
HyFlex®	11-816
HyFlex®	11-818
HyFlex®	11-840
HyFlex®	11-900
HyFlex®	11-920
HyFlex®	11-925
HyFlex®	11-926
HyFlex®	48-101
ActivArmr®	80-100
ActivArmr®	80-600
DISPOSABLE GLOVES	
TouchNTuff®	92-600
TouchNTuff®	92-675
CHEMICAL RESISTANT GLOVES & SLEEVES	
AlphaTec®	37-145
AlphaTec®	37-155
AlphaTec®	37-175
AlphaTec®	37-185
AlphaTec®	37-510
AlphaTec®	37-646
AlphaTec®	37-676
AlphaTec®	58-330
AlphaTec®	58-335
AlphaTec®	58-435
AlphaTec®	58-535B
AlphaTec®	87-224
AlphaTec®	88-356

To learn more about our vend ready products, contact your local Ansell representative





Cut Resistant Glove & Sleeve Solutions

Ansell is the choice for Cut Protection solutions

The Standards have changed. Here's what you need to know.

New cut resistance standards from American National Standards Institute (ANSI) and International Safety Equipment Association (ISEA) became effective in March 2016.



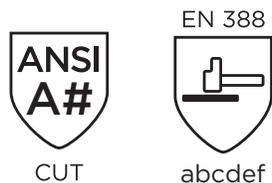
Change in ANSI/ISEA classification levels for cut resistance

These new standards include changes to the ratings scale and standardization on a methodology for testing cut resistance. Ansell can help you educate your customers on the new standards.

Ansell has developed a range of educational tools to make the standards simpler to understand and easier for your customers to integrate into their safety program. In addition, our cut resistant gloves and sleeves will be marked per the new performance standards to ensure full compliance with all regulatory requirements for cut protection products.

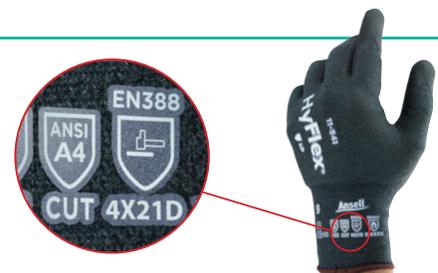
PRIOR: ISEA 105-2011		CURRENT: ANSI/ISEA 2016		EUROPE: EN388-2016	
ASTM F1790-2014 (CPPT)*		ASTM F2992-15 (TDM)		ISO 13997 (TDM)	
CPPT or TDM		TDM ONLY		TDM ONLY	
LEVEL	GRAMS	LEVEL	GRAMS	LEVEL	NEWTONS*
1	≥ 200	A1	≥ 200	A	2
2	≥ 500	A2	≥ 500	B	5
3	≥ 1000	A3	≥ 1000	C	10
4	≥ 1500	A4	≥ 1500	D	15
		A5	≥ 2200	E	22
		A6	≥ 3000	F	30
		A7	≥ 4000		
		A8	≥ 5000		
5	≥ 3500	A9	≥ 6000		

*NOTE: 1 Newton is equal to 102 grams of force. This means the new ANSI cut level in North America will correlate to the EN388 cut level in Canada and Europe.



Icons & Glove Marks

Ansell products and marketing collateral will now clearly identify 2016 ANSI cut levels with the new graphic icons to the left and glove markings as shown to the right.



For additional information on ANSI and EN Regulations visit www.ansell.com/regulatory-compliance.

Industrial Applications

Gloves, Dry Environments, ANSI Cut Level A2 to A3

Industrial gloves by Ansell offer a spectrum of cut protection options for dry environments. Exclusive technologies provide outstanding cut protection with enhanced dexterity and comfort when handling sharp and rugged materials.



A. HyFlex® 11-318

High tactility and unparallel protection against lacerations.

- Ultra-lightweight design with Dyneema® Diamond and spandex
- Anti-static and low linting for better process quality
- Touch screen device compatibility



B. HyFlex® 70-200

Outstanding cut protection with enhanced dexterity.

- 100% DuPont™ Kevlar® fibers for light duty cut protection
- Worn as over-glove for even higher protection
- Launderable for extended glove life



C. HyFlex® 70-215

Cut resistant gloves for superior mechanical protection.

- Offers protection from sharp edges of metals, ceramics, glass and other materials
- Reversible design allows glove to be worn on either hand
- Reinforced thumb welt increases abrasion resistance
- Vend offering available



D. HyFlex® 70-225

Superior mechanical protection and cut resistance.

- 100% DuPont™ Kevlar® fibers provide medium duty cut protection
- Reinforced thumb welt for excellent durability
- Ambidextrous gloves that are fully washable



E. HyFlex® 70-330

Advanced fiber material offering superior cut protection.

- Superior strength in light to heavy duty handling and production applications
- Reversible design and launderable for extended glove life
- Can be used as an over-glove to improve protection
- Vend offering available



HyFlex® 11-318 Automotive Application

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color	Gauge	Liner Material/ Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-318	2	A2	1	Gray	18	Dyneema®/ Nylon/Spandex	Uncoated	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
B.	HyFlex®	70-200	2	A2	3	Yellow	13	DuPont™ Kevlar® Knitted Liner	Uncoated	Yes	No	XXS (6), XS (7), S (8), M (9), L (10)
C.	HyFlex®	70-215	3	A3	3	Yellow	7	DuPont™ Kevlar® Knitted Liner	Uncoated	No	Yes	S (8), M (9), L (10), XL (11)
D.	HyFlex®	70-225	4	A3	3	Yellow	7	DuPont™ Kevlar® Knitted Liner	Uncoated	No	Yes	XS (7), S (8), M (9), L (10), XL (11)
E.	HyFlex®	70-330	3	A2	3	Yellow	7	DuPont™ Kevlar® Knitted Liner	PVC dots	No	No	XXS (6), XS (7), S (8), M (9), L (10)

Industrial Applications

Gloves, Dry Environments, ANSI Cut Level A4 to A5

Ansell industrial cut protection solutions offer resistance to cut and puncture risks in a range of dry environment applications. Exclusive technologies provide outstanding cut protection with enhanced dexterity and comfort when handling sharp and rugged materials.



A. HyFlex® 70-761

Optimal combination of cut resistance, comfort and dexterity.

- Excellent abrasion resistance due to exclusive fiber blend
- Reinforced thumb crotch with 100% DuPont™ Kevlar® fibers
- Great protection from heat and light molten splashes



B. ActivArm® 70-765

Premium leather with superior grip for advanced cut protection.

- Medium-weight cut resistant yarn with reinforced thumb crotch protects against sharp snags and punctures
- Durable leather pad with DuPont™ Kevlar® fiber provides great grip
- Intermittent heat contact up to 212°F
- Vend offering available



C. ActivArm® 80-813

Superior flame-resistant protection from extreme hazards.

- Proprietary coating ensures secure grip in wet, oily and dry environments
- Knitted liner provides enhanced comfort and cut protection
- Arc-flash protection and flame-resistant
- Vend offering available



ActivArm®
80-813 Electrical
Application

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	70-761	4	A5	2	Green/Yellow Blend	10	DuPont™ Kevlar® Knitted Liner	Uncoated	No	No	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
B.	ActivArm®	70-765	4	A5	5	Green/Yellow Blend/Gray	10	DuPont™ Kevlar® Knitted Liner	Leather Palm	No	No	M (9), L (10), XL (11), XXL (12)
C.	ActivArm®	80-813	4	A4	3	Green/Black	13	DuPont™ Kevlar® Knitted Liner, Glass Fiber	Neoprene Foam	No	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)

Industrial Applications

Gloves, Dry & Light Oil Environments, ANSI Cut Level A2

Designed for dry and light oil environments, Ansell's cut resistant gloves offer enhanced grip and protection from cuts and abrasions, particularly while working with small, sharp parts.



INTERCEPT™

A. HyFlex® 11-423

Excellent tactile handling with great abrasion in dry and slightly oily environments.

- DMF and silicone-free for friendly paint and finish process
- High performance material that resists heat up to 100°C
- Environmentally friendly water-based polyurethane palm dip coating



B. HyFlex® 11-518

Ultralight with barehand-like sensation of tactility and dexterity.

- Soft and strong liner with Dyneema® Diamond Technology fiber
- Resilient PU coating with high abrasion resistance
- Comprehensive sizing ensures optimum fit and comfort
- Vend offering available



ANSSELL GRIP™
FORTIX™
INTERCEPT™
ZONZ™

C. HyFlex® 11-531

Excellent grip in an ultra-lightweight cut resistant glove.

- Knitting technology enhances hand movement and dexterity
- Silicone-free for friendly paint and finish process
- Dirt masking palm for longer wear times
- Vend offering available



INTERCEPT™
FORTIX™
ZONZ™

D. HyFlex® 11-550 NEW ★

Optimal comfort and grip for enhanced productivity.

- INTERCEPT™ Technology offers great cut resistance and a comfortable fit
- Nitrile coating for secure grip in dry to slightly oily applications
- Excellent protection from nuisance nicks and abrasions
- Vend offering available

HyFlex®
11-550
Auto Parts
Handling



Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-423	2	A2	4	Yellow/Gray	13	INTERCEPT™	Water-Based Polyurethane	Yes	Yes	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
B.	HyFlex®	11-518	2	A2	3	Blue/Dark Blue	18	Dyneema®/Nylon/Spandex	Polyurethane	No	No	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
C.	HyFlex®	11-531	2	A2	4	Dark Gray/Black	18	INTERCEPT™	Foam Nitrile	Yes	Yes	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
D.	★ HyFlex®	11-550	--	A2	4	Green/Black	15	INTERCEPT™/Nylon/Lycra®	Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)

Industrial Applications

Gloves, Dry & Light Oil Environments, ANSI Cut Level A2

Designed for dry and light oil environments, Ansell's cut resistant gloves offer enhanced grip and protection from cuts and abrasions, particularly while working with small, sharp parts.



A. HyFlex® 11-644

Enhanced cut resistance with excellent flexibility and fit.

- Enhanced cut protection, wear life, and comfort with a high level of dexterity for increased productivity
- INTERCEPT™ Technology for high level of cut protection (ANSI Level A2) to provide confidence while working with sharp objects
- High dexterity to reduce hand fatigue and provide all day comfort
- Vend offering available



B. HyFlex® 11-724

Excellent comfort and cut protection with enhanced flexibility.

- Resilient coating resists abrasions and extends glove life
- Lycra® liner offers enhanced protection and all-day comfort
- PU coating for secure grip in dry to slightly oily applications
- Vend offering available



C. HyFlex® 11-727

High level cut protection with excellent fingertip sensitivity.

- ANSI Abrasion level 6 for extended glove life
- Ultralight fabric and tailored-to-hand fit creates a sensation of bare-hand comfort
- Soft, seamless liner keeps hands cool and dry, and offers enhanced flexibility
- Vend offering available



D. HyFlex® 11-731

High levels of cut protection for extended wear

- Lightweight second-skin liner enhances tactility
- Thin PU coating provides high dexterity and abrasion resistance
- Excellent fingertip sensitivity with superior comfort

Did You Know?

*Injuries associated with cut risks represent the most frequent type of hand injury and account for an estimated 13% of all industrial workplace accidents.

Key	Description	Mfr Model	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-644	2	A2	5	White/Gray	13	INTERCEPT™	Polyurethane	Yes	No	XXS (5), XS (6), S (7), M (8), L (9), XL (10), XXL (11), XXXL (12)
B.	HyFlex®	11-724	2	A2	6	White/Black	13	INTERCEPT™	Polyurethane	Yes	No	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
C.	HyFlex®	11-727	2	A2	6	Gray/Gray	15	INTERCEPT™	Polyurethane	No	No	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
D.	HyFlex®	11-731	2	A2	3	White/Black	18	INTERCEPT™	Polyurethane	No	No	XS (6), S (7), M (8), L (9), XL (10), XXL (11)

*Source: Ansell Market Research, 2016

Industrial Applications

Gloves, Dry & Light Oil Environments, ANSI Cut Level A2

Designed for dry and light oil environments, Ansell's cut resistant gloves offer enhanced grip and protection from cuts and abrasions, particularly while working with small, sharp parts.



A. ActivArm® 80-600

Exceptional cut resistance and robust overall mechanical performance.

- Crinkled finish provides excellent grip in dry and wet conditions
- Silicone-free material prevents fingerprints on surfaces
- DuPont™ Kevlar® knitted liner and natural rubber coating stands up very well to abrasion, tearing and punctures
- Vend offering available



B. ActivArm® Medium Duty 97-008

Durability and enhanced protection against cuts and abrasions.

- DuPont™ Kevlar® fiber provides durability and tough protection against cuts and harsh abrasions
- Foam nitrile coating enhances wet or dry grip
- Adjustable wrist closure with pull-tab and ID nameplate
- Vend offering available



C. ActivArm® 97-011

Unparalleled protection for cold work environments.

- High-visibility especially during low-light conditions
- Breathable material keeps hands dry and comfortable
- Sandy finish improves handling and prevents slippage



D. ActivArm® 97-013

Highly reflective for better protection in low-visibility environments.

- 13-gauge Techcor® liner provides all-day comfort
- Combined PU and nitrile coating improves durability
- Reflective logo enhances safety in dark or lowlight conditions
- Vend offering available



E. ActivArm® 97-100

The perfect Hi-Viz™ glove for rigorous jobs in oily environments.

- Designed to meet the needs of production services workers in Oil & Gas industry
- Excellent grip in oily, dry and wet environments with enhanced dexterity
- Contact heat rated for protection from heated pipes and vessels
- Vend offering available

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	ActivArm®	80-600	2	A2	4	Yellow/Blue	10	DuPont™ Kevlar® Knitted Liner	Natural Rubber Latex	No	Yes	XS (7), S (8), M (9), L (10)
B.	ActivArm®	97-008	2	A2	4	Black/Black	15	DuPont™ Kevlar® Knitted Liner	Foam Nitrile	No	No	S (8), M (9), L (10), XL (11)
C.	ActivArm®	97-011	2	A2	4	Orange/Black	10	Polyester	Sandy Nitrile	No	No	S (8), M (9), L (10), XL (11)
D.	ActivArm®	97-013	2	A2	4	Orange/Orange	13	Techcor™	Nitrile/Polyurethane	No	No	XS (7), S (8), M (9), L (10), XL (11)
E.	ActivArm®	97-100	2	A2	4	Orange/Orange	15	DuPont™ Kevlar® Knitted Liner/ Nylon/Spandex	ANSELL GRIP™	Yes	Yes	M (9), L (10), XL (11), XXL (12)

Industrial Applications

Gloves, Dry & Light Oil Environments, ANSI Cut Level A3 to A4

Designed for dry and light oil environments, Ansell's cut resistant gloves offer enhanced grip and protection from cuts and abrasions, particularly while working with small, sharp parts.



INTERCEPT™

A. HyFlex® 11-425

Great tactile grip and cut protection.

- ANSI Abrasion level 6 for extended glove life
- Innovative coating for dry to slightly oily environments
- DMF-free for greater wearer comfort
- Vend offering available



ANSELL GRIP™
FORTIX™
INTERCEPT™
ZONZ™

B. HyFlex® 11-541

Exceptional cut resistance with enhanced grip performance.

- Ultra-lightweight liner for enhanced breathability and comfort
- Tailored fit enhances hand movement and dexterity
- Silicone-free for friendly paint and finish process
- Vend offering available



INTERCEPT™

C. HyFlex® 11-735

Great combination of cut protection and comfortable fit.

- Strong fibers provide excellent cut resistance
- PU coating for secure grip in dry to slightly oily applications
- Durable protection for extended glove life
- Vend offering available



INTERCEPT™
Kevlar

D. HyFlex® 11-738

Targeted reinforcement with enhanced cut resistance.

- Water-based PU enhances comfort and dexterity
- Ultra-strong fibers provide extreme resistance against cut and burrs
- Reinforced thumb crotch extends glove life
- Vend offering available



INTERCEPT™

E. HyFlex® 11-751

High cut protection combined with superior abrasion resistance.

- PU coating delivers a more durable glove
- Enhanced cut resistance extends glove life
- Flexible liner provides enhanced comfort
- Vend offering available

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-425	3	A3	6	White/Gray	13	INTERCEPT™	Water-Based Polyurethane	No	No	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
B.	HyFlex®	11-541	4	A4	4	Dark Gray/Black	18	INTERCEPT™	Foam Nitrile	Yes	Yes	XS (7), S (8), M (9), L (10), XL (11), XXL (12)
C.	HyFlex®	11-735	4	A4	6	White/Black	10	INTERCEPT™	Polyurethane	No	No	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
D.	HyFlex®	11-738	--	A4	5	Gray/Black	13	INTERCEPT™, Nylon, Lycra®	Water Based PU/ Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
E.	HyFlex®	11-751	4	A4	6	Black/Black	10	INTERCEPT™	Polyurethane	No	No	XXS (5), XS (6), S (7), M (8), L (9), XL (10), XXL (11)

Industrial Applications

Gloves, Dry & Light Oil Environments, ANSI Cut Level A3 to A4

Designed for dry and light oil environments, Ansell's cut resistant gloves offer enhanced grip and protection from cuts and abrasions, particularly while working with small, sharp parts.



A. ActivArm® HVAC 97-002

Excellent cut protection and dexterity for metal handling and fabrication.

- Stainless steel and DuPont™ Kevlar® fibers protect against snips, screws and sheet metal
- Nitrile-dipped palm for good grip in wet and dry conditions
- Hook and loop fastening cuff ensures protection when handling sheet metal
- Vend offering available

B. ActivArm® 97-003

Superior protection for demanding conditions and work environments.

- Stainless steel and DuPont™ Kevlar® fibers provide great cut protection
- Ergonomic and breathable glove enables longer wear times
- Gel padding reduces vibrations and impacts
- Vend offering available

C. ActivArm® 97-009

Robust protection for harsh and demanding jobs.

- Reinforced ridges offer additional palm and knuckle protection
- Adjustable wrist closure with pull-tab
- Foam nitrile coating provides enhanced wet or dry grip



ActivArm® 97-009
Construction Application

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	ActivArm®	97-002	3	A3	3	Blue/Black	18	INTERCEPT™	Foam Nitrile	No	No	M (9), L (10), XL (11)
B.	ActivArm®	97-003	4	A4	4	Blue/Black	13	INTERCEPT™	Foam Nitrile	No	No	M (9), L (10), XL (11)
C.	ActivArm®	97-009	4	A4	4	Black/Black	13	INTERCEPT™	Foam Nitrile	No	No	S (8), M (9), L (10), XL (11)

Industrial Applications

Gloves, Dry & Light Oil Environments, ANSI Cut Level A5 to A7

Designed for dry and light oil environments, Ansell's cut resistant gloves offer enhanced grip and protection from cuts and abrasions, particularly while working with small, sharp parts.



A. HyFlex® 11-515

High visibility with excellent cut resistance.

- Great cut resistance provides the ability to handle sharp parts and knives with confidence, increasing worker output and security
- Increased grip in dry to slightly oily applications
- Foam nitrile coating provides extended wear in high stress areas
- Vend offering available



B. HyFlex® 11-542

High cut resistance delivering increased user comfort.

- High abrasion resistance ensures longer product life
- INTERCEPT™ Technology provides high levels of protection against lacerations
- Intermittent contact heat protection up to 212°F
- Vend offering available



HyFlex® 11-542 in Metal Handling Application

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-515	4	A5	4	Yellow/Orange	13	INTERCEPT™	Foam Nitrile	Yes	Yes	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
B.	HyFlex®	11-542	--	A7	4	Black/Black	13	INTERCEPT™	Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)

Industrial Applications

Gloves, Oily Environments, ANSI Cut Level A2 to A4

Ansell's coated cut resistant gloves provide enhanced grip and protection from cuts and abrasions, particularly while working with sharp parts in light to medium oil environments. They are designed for use in multi-risk applications in a wide range of industries where cuts, abrasions and oil exposure risks are a major concern.



INTERCEPT™

A. HyFlex® 11-427

High performance with superior abrasion and cut resistance.

- Three-quarter palm finishing provides improved grip
- Silicone-free and DMF-free for greater wearer comfort
- Color coded with orange indicator for cut resistance identification



ANSELL GRIP™
FORTIX™
INTERCEPT™
ZONZ™

B. HyFlex® 11-537

Exceptional grip with high comfort and cut resistance.

- Ultra-lightweight glove for grip in wet and oily environments
- Coating technology enhances abrasion resistance and grip
- Silicone-free for friendly paint and finish process
- Vend offering available



ANSELL GRIP™
FORTIX™
INTERCEPT™
ZONZ™

C. HyFlex® 11-539

Ultra-lightweight glove for enhanced dexterity and cut protection.

- Knitting technology enhances hand movement and mobility
- Silicone-free for friendly paint and finish process
- Dirt masking palm for longer wear times
- Vend offering available



ANSELL GRIP™
INTERCEPT™
RIPEL™

D. HyFlex® 11-927

Ultimate performance for medium-duty oil applications.

- RIPEL™ Liquid Repellence Technology prevents contact with skin
- Abrasion, cut and tear resistance with a cool feeling on the hand
- Superior fit for more agility and dexterity
- Vend offering available



ANSELL GRIP™
FORTIX™
INTERCEPT™
ZONZ™

E. HyFlex® 11-928 **NEW** ★

Strong protection from cuts and fluids in wet and oily environments.

- INTERCEPT™ Technology provides increased cut protection
- Intermittent heat coat protection up to 212°F
- Double layer RIPEL™ Liquid Repellence Technology protects against oil and industrial fluid exposure



ERGOFORM™
ANSELL GRIP™
FORTIX™
RIPEL™
ZONZ™

F. HyFlex® 11-931

Unmatched comfort with multi-risk cut, oil and liquid protection.

- Ultra-lightweight material enhances comfort and dexterity
- Reinforced thumb crotch increases protection and performance
- Highly durable coating for extended glove life
- Vend offering available

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-427	2	A2	4	Hi-Viz™ Yellow/Gray	13	INTERCEPT™	Water-Based Polyurethane	No	Yes	S (7), M (8), L (9), XL (10)
B.	HyFlex®	11-537	2	A2	4	Dark Gray/Black	18	INTERCEPT™	Foam Nitrile	Yes	Yes	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
C.	HyFlex®	11-539	2	A2	4	Dark Gray/Black	18	INTERCEPT™	Foam Nitrile	Yes	Yes	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
D.	HyFlex®	11-927	2	A2	4	Gray/Black	13	HPPE	ANSELL GRIP™	Yes	Yes	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
E.	★HyFlex®	11-928	-	A4	3	Dark Gray/Black	15	INTERCEPT™	Nitrile	Yes	Yes	XS (7), S (8), M (9), L (10), XL (11)
F.	HyFlex®	11-931	2	A2	4	Dark Gray/Black	18	HPPE Dyneema®	Nitrile/PU blend	Yes	Yes	XS (6), S (7), M (8), L (9), XL (10), XXL (11)

Industrial Applications

Gloves, Oily Environments, ANSI Cut Level A2 to A4

Ansell's coated cut resistant gloves provide enhanced grip and protection from cuts and abrasions, particularly while working with sharp parts in light to medium oil environments. They are designed for use in multi-risk applications in a wide range of industries where cuts, abrasions and oil exposure risks are a major concern.



- A. HyFlex® 11-937**
Enhanced durability with multi-risk cut, oil and liquid protection.
- 18-gauge design provides enhanced dexterity and high-level comfort
 - Protects against lacerations, oil and industrial fluid exposure
 - Grip performance for safe handling in dry to oily applications
 - Vend offering available



- B. HyFlex® 11-939**
Lightest weight durable solution with multi-risk cut, oil and liquid protection.
- 18-gauge design provides enhanced dexterity and high-level comfort
 - Protects against lacerations, oil and industrial fluid exposure
 - Grip performance for safe handling in dry to oily applications
 - Vend offering available



- C. HyFlex® 11-947**
Fine tactile handling with excellent protection against cut risks.
- Excellent levels of cut, abrasion and oil resistance
 - Micro-finished nitrile coating for excellent grip
 - High resistance to residual oils and greases present on handled parts



- D. HyFlex® 11-948**
Outstanding mechanical protection against residual oils and greases.
- Ansell's INTERCEPT™ Technology provides excellent cut performance and comfort
 - FORTIX™ Technology provides increased abrasion resistance
 - Safety cuff enhances wrist protection



- E. ActivArm® 97-120**
Best-in-class oil and impact protection.
- Bright-orange colored exterior and reflective logo for high visibility
 - Oil impermeable barrier from drilling fluids and oils
 - Certified impact glove accordance with EN 388:2016 impact requirements



- F. ActivArm® 97-125**
High cut and impact protection for hazardous and unpredictable environments.
- Double-dip nitrile coating for excellent grip and control
 - HPPE seamless knit glove keeps hands cool and comfortable
 - Certified impact glove accordance with EN 388:2016 impact requirements

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-937	2	A2	4	Dark Gray/Black	18	HPPE Dyneema®	Nitrile/PU blend	Yes	Yes	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
B.	HyFlex®	11-939	2	A2	4	Dark Gray/Black	18	HPPE Dyneema®	Nitrile/PU blend	Yes	Yes	XS (6), S (7), M (8), L (9), XL (10), XXL (11)
C.	HyFlex®	11-947	2	A2	4	Blue/Black	13	INTERCEPT™	Nitrile Microfinish	No	Yes	S (7), M (8), L (9), XL (10), XXL (11)
D.	HyFlex®	11-948	2	A2	4	Blue/Black	13	INTERCEPT™	Nitrile Microfinish	No	Yes	S (7), M (8), L (9), XL (10)
E.	ActivArm®	97-120	2	A2	4	Orange/Orange	15	DuPont™ Kevlar® Knitted Liner/ Nylon/Spandex	Neoprene/Nitrile	No	No	S (8), M (9), L (10), XL (11)
F.	ActivArm®	97-125	--	A4	5	Gray/ Hi-Viz™ Orange	13	INTERCEPT™	Nitrile	--	No	S (8), M (9), L (10), XL (11), XXL (12)

Ansell

1ST ERGONOMIC CERTIFIED INDUSTRIAL GLOVE SERIES*

WHAT IS ERGONOMICS?

Ergonomics refers to the interaction between a human's musculoskeletal system and his or her workspace. When considering the role of ergonomics in hand and glove use, four main muscle groups are involved. These include the flexor and extensor muscles in the forearm, and the interosseous and thenar muscles found within the structure of the hand.

WHAT IS THE PROBLEM?

Hand fatigue and poor wrist angle are serious issues.

Various job functions expose workers to risk factors for musculoskeletal disorders (MSDs) such as working at awkward angles or pushing and pulling heavy objects repeatedly. When repetitive jobs are done in a forceful or awkward position, the chance for injury increases exponentially. Overexertion (fatigue) and improper positioning of the hand can often result in serious hand injuries such as Carpal Tunnel Syndrome. The potential for fatigue increases when the average muscle exertion of an individual's maximum strength is surpassed by 20%. These conditions can reduce productivity especially in occupations that require the use of industrial-grade gloves that are bulky and require increased grip strength.

THE SOLUTION



HyFlex® 11-93X Series

In a thorough and comprehensive study performed by the industry leader in ergonomic testing within the United States, HyFlex® 11-931, 11-937, and 11-939 gloves have shown to reduce muscle fatigue, increase grip performance, maximize hand and finger flexibility and improve wrist posture, strength and overall dexterity, earning these gloves the title of First Ergonomic Certified Industrial Glove Series*.

WHAT IS ERGONOMICS CERTIFICATION?

According to United States Ergonomics, "A product that has received certification provides measurable ergonomic benefits to the user by improving comfort and fit and by minimizing the risk factors that may cause injuries". To obtain U.S. Ergonomics certification, it must be clear that the "product or equipment meets or exceeds threshold criteria for approval".



*As per United States Ergonomics

www.ansell.com/comfortzone

HyFlex®

Food Processing Applications

Gloves, Dry Environments

Ansell gloves specifically designed for workers in food processing and service markets offer comfort and dexterity in high-risk tasks using knives, blades and utensils. Applications include meat, seafood and fruit and vegetable processing as well as food service and de-boning.



- A. HyFlex® 72-025**
Lightweight and high cut resistance combined with superior comfort.
- Cut resistance comparable to stainless steel
 - Compliant with FDA food handling requirements
 - Can be repeatedly laundered without compromising flexibility or protective properties



- B. HyFlex® 72-400**
Outstanding cut protection with enhanced durability.
- Compliant with FDA food handling requirements
 - Soft and flexible for long wear periods
 - Great value for optimal durability and high cut protection



- C. HyFlex® 74-045**
Heavy duty and cut resistant with a lightweight feel.
- Tuff-Cuff™ for added wrist protection and comfort
 - Complies with FDA food handling requirements
 - Also used as a liner under other gloves for extra protection



- D. HyFlex® 74-047**
Excellent cut protection with a dirt masking gray color.
- Tuff-Cuff™ for added wrist protection and comfort
 - Also used as a liner under other gloves for extra protection
 - DSM Dyneema® core construction with high-strength outer-wrap fibers



- E. HyFlex® 74-048 GY**
F. HyFlex® 74-048 WHT
Comfortable fit with the protection of a heavy-weight glove
- High level cut protection with anti-shrink cuff construction
 - Excellent protection in various food processing applications
 - Ideal for most knife-hand and offhand applications
 - Vend offering available

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color	Gauge	Liner Material/Construction	Coating Material	FDA Food Approved	Sizes
A.	HyFlex®	72-025	3	A3	3	White	13	Dyneema®	Uncoated		XXXS (5), XXS (6), XS (7), S (8), M (9), L (10)
B.	HyFlex®	72-400	3	A5	3	Blue	10	Stainless Steel / Lycra®	Uncoated		XS (7), S (8), M (9), L (10)
C.	HyFlex®	74-045	4	A4	3	White	13	Dyneema®	Uncoated		XS (7), S (8), M (9), L (10)
D.	HyFlex®	74-047	4	A4	3	Gray	13	Dyneema®	Uncoated		XS (7), S (8), M (9), L (10), XL (11)
E.	HyFlex®	74-048 GY	4	A6	3	Gray	10	Dyneema®	Uncoated		S (8), M (9), L (10)
F.	HyFlex®	74-048 WHT	4	A6	3	White	10	Dyneema®	Uncoated		XS (7), S (8), M (9), L (10), XL (11)

Industrial Applications

Sleeves, HPPE & Nylon

Ansell offers a range of hand and body protection to meet the needs of workers in a wide range of industries. Our proprietary cut-resistant yarn technology provides an ideal balance of comfort, protection and dexterity when handling sharp and rugged materials. This line of HyFlex® sleeves are made to perform in combination with any HyFlex® cut resistant gloves.



INTERCEPT™

- A. HyFlex® 11-210
- B. HyFlex® 11-211

Optimal cut protection sleeve with all-day comfort.

- Specially knitted bicep and wrist cuffs offer good performance
- Wide and narrow sizes for optimal fit and comfort
- Seamless design with INTERCEPT™ Technology



- C. HyFlex® 11-270
- D. HyFlex® 11-271

Light duty sleeve for all-day comfort and protection.

- Dirt masking color for prolonged wear
- Silicone-free for use in paint and finish process
- Made to perform in combination with any HyFlex® cut resistance glove

Glove to Sleeve Cross-Reference		
Glove Style	11-210/211	11-270/11-271
11-531	3	
11-644	3	
11-724	3	3
11-801		3
11-818		3
11-840		3



HyFlex® 11-210
Metal Fabrication
Application

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	Color	Gauge	Liner Material/ Construction	Thumb Slot	Latex Free Y/N	Silicone Free Y/N	Sleeve Width	Sleeve Length
A.	HyFlex®	11-210	2	A2	Light Grey	13	INTERCEPT™	No	No	No	W, N	18"
B.	HyFlex®	11-211	2	A2	Light Grey	13	INTERCEPT™	Yes	No	No	W, N	18"
C.	HyFlex®	11-270	--	A2	Salt & Pepper	24	Nylon	No	No	Yes	N	10" / 16" / 18"
D.	HyFlex®	11-271	--	A2	Salt & Pepper	24	Nylon	Yes	No	Yes	N	16" / 18"

Widths: N = Narrow, W = Wide, XW = Extra Wide

Industrial Applications

Sleeves, HPPE & Nylon

Ansell offers a range of hand and body protection to meet the needs of workers in a wide range of industries. Our proprietary cut-resistant yarn technology provides an ideal balance of comfort, protection and dexterity when handling sharp and rugged materials. This line of HyFlex® sleeves are made to perform in combination with any HyFlex® cut resistant gloves.



- A. HyFlex® 11-200**
 High-visibility sleeve with abrasion resistance and thermal protection.
- Ergonomic design and fixing system to avoid constraints
 - Generous sizing for increased comfort
 - Enhanced abrasion resistance and washability decreases total cost of ownership



- B. HyFlex® 11-250**
C. HyFlex® 11-251
- Best-in-class protection with unmatched comfort.
- Seamless cut protection with a cool and comfortable fit
 - FDA-compliant with knitted bicep cuffs to keep sleeve in place
 - Silicone-free for friendly paint and finish process
 - **11-251** Vend offering available

Glove to Sleeve Cross-Reference			
Glove Style	11-200	11-250/ 11-251	11-280/ 11-281
11-425	3		3
11-531			3
11-541		3	3
11-542			3
11-644			3
11-724			3
11-735	3	3	3
11-751		3	3
11-738	3	3	3



- D. HyFlex® 11-280**
E. HyFlex® 11-281
- Superior protection and best choice for all-day comfort.
- Excellent cut protection while providing soft and cool feel
 - Seamless design with INTERCEPT™ Technology
 - Engineered to perform in combination with any HyFlex® cut resistant glove

HyFlex® 11-250 and 11-542 in Automotive Application



Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	Color	Gauge	Liner Material/ Construction	Thumb Slot	Latex Free Y/N	Silicone Free Y/N	Sleeve Width	Sleeve Length
A.	HyFlex®	11-200	3	A3	Fluorescent Yellow	13	Glass Fiber/Nylon	No	No	No	N	18.5"
B.	HyFlex®	11-250	3	A3	Black / Black Overedge	15	INTERCEPT™	No	Yes	Yes	XW, W, N	12" / 16" / 18"
C.	HyFlex®	11-251	3	A3	Black / Black Overedge	15	INTERCEPT™	Yes	Yes	Yes	XW, W, N	12" / 16" / 18"
D.	HyFlex®	11-280	--	A4	Dark Grey	15	INTERCEPT™	No	No	Yes	XW, W, N	12" / 16" / 18" / 22"
E.	HyFlex®	11-281	--	A4	Dark Grey	15	INTERCEPT™	Yes	No	Yes	XW, W, N	12" / 16" / 18" / 22"

Widths: N = Narrow, W = Wide, XW = Extra Wide

Industrial Applications

Sleeves, Other Materials

Ansell offers a range of hand and body protection to meet the needs of workers in a wide range of industries. Our sleeve portfolio includes products designed with durable and rugged cut resistant materials such as DuPont™ Kevlar®, leather and denim for enhanced cut protection.



A. ActivArm® 59-406

Prime choice for both thermal and flame protection.

- Manufactured from a lightweight and breathable FR DuPont™ Kevlar® fiber blend
- Superior cut protection over cotton or light denim sleeves
- Thumbslot provides added protection in the palm and wrist areas



B. ActivArm® 59-408

Ultimate combination of cut resistance and comfort.

- Abrasion resistance from sharp edges of glass and sheet metal
- Provides moderate heat protection
- Lightweight and breathable for added comfort



C. HyFlex® 72-027

Lightweight and high cut protection with excellent breathability.

- Comfortable and flexible with superior abrasion resistance
- Compliant with FDA food handling requirements
- Protective properties won't be compromised after repeated washing

Glove to Sleeve Cross-Reference			
Glove Style	59-408	59-406	72-027
11-425			
11-426			
11-644			3
43-216		3	
70-200	3		
70-205	3		
70-215	3		
70-330	3		
70-765		3	
70-766		3	



ActivArm® 59-406 in a Welding Application

Key	Description	Style No.	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	Color	Gauge	Liner Material/ Construction	Thumb Slot	Latex Free Y/N	Silicone Free Y/N	Sleeve Width	Sleeve Length
A..	ActivArm®	59-406	A2	A2	Brown	Cut/Sewn	DuPont™ Kevlar® Knitted Liner	Yes	No	No	--	22" / 26"
B.	ActivArm®	59-408	--	A2	Yellow	Cut/Sewn	DuPont™ Kevlar® Knitted Liner	Yes	No	No	--	22" / 26"
C.	HyFlex®	72-027	--	A2	White	10	Spectra®/Glass Fiber	No	No	No	--	10" / 20" / 24"

Widths: N = Narrow, W = Wide, XW = Extra Wide



Ansell



NEW PRODUCTS BETTER PERFORMANCE

Innovative Ansell solutions featuring
INTERCEPT™ Technology

Switch
Now!

Ansell introduced INTERCEPT™ Technology, a proprietary cut resistant yarn, to provide the ideal balance of comfort, protection and dexterity. This new yarn is featured in the next generation of Ansell HyFlex® cut protective gloves. Today, millions of workers around the world are now protected with HyFlex® gloves that will keep them comfortable and safe from common industrial cut risks.

Converting to INTERCEPT™ Technology from other branded yarns provides a lighter weight, and more comfortable alternative.

Switch now for a superior, premium glove.

HyFlex®

PRODUCTS	BENEFITS	PERFORMANCE
 <p>HyFlex® 11-624</p> <p>Improved Glove</p>  <p>HyFlex® 11-644</p>	<ul style="list-style-type: none"> ✓ Better Comfort ✓ More Flexible ✓ Lighter Weight ✓ Greater Cut Resistance ✓ Improved Grip 	   <p>CUT ABR EN 388 4342B</p>
 <p>HyFlex® 11-627</p> <p>Improved Glove</p>  <p>HyFlex® 11-727</p>	<ul style="list-style-type: none"> ✓ Increased Durability ✓ Lighter Weight ✓ More Flexible ✓ Greater Cut Resistance ✓ Better Puncture Resistance ✓ Improved Grip 	   <p>CUT ABR EN 388 4342B</p>
 <p>HyFlex® 11-500</p> <p>Improved Glove</p>  <p>HyFlex® 11-510</p> <p>NEW</p>  <p>HyFlex® 11-550</p>	<ul style="list-style-type: none"> ✓ Greater Cut Resistance ✓ Lighter Weight ✓ More Flexible ✓ Improved Grip 	    <p>CUT ABR EN 388 EN 407 4221B XIXXXX</p>

HIGH CUT PERFORMANCE AND LIGHTWEIGHT COMFORT

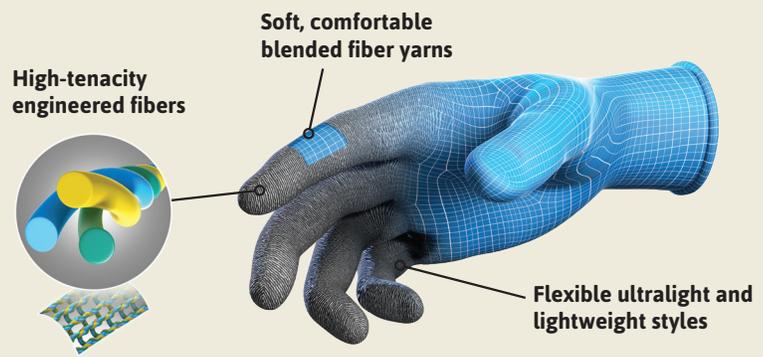
Ansell technologies provide superior comfort, performance and protection to improve the worker experience.



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.



High-tenacity engineered fibers

Soft, comfortable blended fiber yarns

Flexible ultralight and lightweight styles



Multi-Purpose Glove Solutions

11-840
HyFlex®
LD

ATSC
HEAD
AND
NECK
PROTECTION
CE
EN
1079

Industrial Applications

Gloves, Dry Environments

Ansell's coated gloves provide enhanced grip and protection from abrasions, particularly while working with abrasive parts and materials, such as corrugated cartons and packaging. These gloves are ideally suited for professionals in the automotive, appliance manufacturing, construction, masonry, maintenance, and warehousing industries.



A. **HyFlex® 11-600**
B. **11-600W**

- The perfect combination of dexterity and sensitivity for safe handling.
- Stretchable nylon liner improves fingertip sensitivity
 - PU coating offers high levels of dexterity
 - Designed for light and delicate applications in dry environments
 - Vend offering available
 - **11-600**: Black color
 - **11-600W**: White color



E. **HyFlex® 48-101**

- Comfort and durability for handling small parts.
- PU coating for precise handling in dry or light oil environments
 - Thin liner offers great dexterity and durability
 - Abrasion resistance extends wear life
 - Vend offering available



C. **HyFlex® 11-618**

- The thinnest glove for delicate handling in dry and slightly oily environments.
- Second skin feel with high abrasion resistance
 - Light duty 18-gauge liner improves fingertip sensitivity
 - Extra-thin PU coating for enhanced dexterity
 - Vend offering available



D. **HyFlex® 11-900**

- High comfort with good grip in oily environments.
- Light-weight nylon liner improves dexterity
 - Palm-dipped nitrile coating provides grip
 - Abrasion resistance ideal for mechanical environments
 - Vend offering available



F. **ActivArm® 80-100**

- Superb protection for shipping and transport applications.
- Natural rubber coating for durable protection
 - Crinkled finish offers good grip in dry and wet conditions
 - Knitted liner delivers superb fit and flexibility
 - Vend offering available

Key	Description	Mfr Model	ANSI/ ISEA 2011 Cut Rating	ANSI/ ISEA 2016 Cut Rating	ANSI/ ISEA 2011 Abrasion Rating	Color Liner/ Coating	Gauge	Liner Material/ Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-600	1	A1	3	Black/Black	15	Nylon	Polyurethane	No	No	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
B.	HyFlex®	11-600W	1	A1	3	White/White	15	Nylon	Polyurethane	No	No	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
C.	HyFlex®	11-618	1	A1	3	Blue/Black	18	Nylon	Polyurethane	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
D.	HyFlex®	11-900	1	A1	4	White/Blue	15	Nylon	Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
E.	HyFlex®	48-101	1	A1	3	Black/Black	13	Nylon	Polyurethane	No	No	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
F.	ActivArm®	80-100	2	A2	4	Gray/Blue	10	Cotton/Polyester	Natural Rubber Latex	No	Yes	XXS (6), XS (7), S (8), M (9), L (10)

*Half Sizes available

Industrial Applications

Gloves, Dry & Light Oil Environments

Ansell's coated gloves provide enhanced grip and protection from abrasions, particularly while working with abrasive parts and materials, such as corrugated cartons and packaging. These gloves are ideally suited for professionals in the automotive, appliance manufacturing, construction, masonry, maintenance, and warehousing industries.



A. HyFlex® 11-100

Optimum protection against electro-static discharge (ESD).

- Nitrile foam coating prevents transfer of fingertip marks
- Thin design improves handling of small components
- Silver yarn improves protection and performance against ESD



B. HyFlex® 11-800

Innovatively designed for precision assembly tasks.

- Nitrile foam coating provides enhanced grip and control
- Breathable liner improves wearer comfort
- Tailored fit matches natural hand contours
- Vend offering available



C. HyFlex® 11-801

Light-weight comfort in a dirt masking color.

- Nitrile foam coating offers high breathability
- Dark liner for slightly oily or dirty environments
- No silicone transfer prior to painting metal parts
- Vend offering available



D. HyFlex® 11-812 NEW ★

Easily tears at multiple risk areas for added safety.

- Minimizes injury risks if glove is entangled in rotating tools
- Ultra-thin liner improves tactility for precision handling of small parts
- ZONZ™ Technology keeps hands cool and comfortable



E. HyFlex® 11-816 NEW ★

Unparalleled comfort for precise handling of small parts..

- Ultra-thin ergonomic design improves fingertip sensitivity
- Silicone-free prevents contaminants to metal parts before painting
- FORTIX™ Technology ensures extended glove life
- Vend offering available



F. HyFlex® 11-818

Ultra-lightweight glove with second skin comfort.

- Soft and snug spandex liner increases breathability
- Blue foam nitrile coating for enhanced grip
- Silicone-free and latex-free for diverse general handling and assembly tasks
- Vend offering available

Key	Description	Mfr Model	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-100	1	A1	3	White/Gray	13	Conductive fiber/Nylon	Foam Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
B.	HyFlex®	11-800	1	A1	3	Gray/Dark Gray	15	Nylon	Foam Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
C.	HyFlex®	11-801	1	A1	3	Gray/Black	15	Nylon	Foam Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
D.	★ HyFlex®	11-812	-	A1	2	White/White	18	Nylon/Spandex	Foam Nitrile	No	Yes	XXS (6), XS (7), S (8), M (9), L (10)
E.	★ HyFlex®	11-816	-	A1	4	Blue/Black	18	Nylon/Spandex	Foam Nitrile	No	Yes	XXS (6), XS (7), S (8), M (9), L (10)
F.	HyFlex®	11-818	1	A1	4	Blue/Dark Blue	18	Nylon/Spandex	Foam Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)



redefine your COMFORT ZONE™

HYFLEX® 11-812 - SACRIFICE YOUR GLOVE, NOTHING ELSE!



When working with rotating tools, there is always a risk of accidental entanglement with the glove and this can lead to crushed fingers or even amputation.

For this reason, workers often perform their tasks with bare hands, which increases the risk of other injuries. Of course, wearing gloves when working is the smart thing to do. But wearing the right glove is a better idea. The **HyFlex® 11-812** is designed to easily tear apart at multiple high risks areas.



➔ Request a sample at www.ansell.com/comfortzone

HyFlex®

Industrial Applications

Gloves, Dry & Light Oil Environments

Tough jobs frequently demand high levels of dexterity and protection in light oil conditions. These rugged gloves by Ansell help workers handle materials ranging from glass and sheet metal to wood and concrete block.



A. HyFlex® 11-840

Outstanding durability and unmatched comfort.

- Longer lasting handling in abrasive conditions
- Proprietary ANSELL GRIP™ Technology enhances flexibility and grip
- Nylon & spandex liner improves breathability and range of movement
- Vend offering available



B. HyFlex® 11-920

High performance grip and oil repellence for mechanical environments.

- ANSELL GRIP™ Technology repel oils and improves grip
- Multi-layer coating improves durability in abrasive environments
- Durable material withstands multiple machine wash cycles
- Vend offering available



C. HyFlex® 11-925

High performance grip and oil repellence for mechanical environments.

- Proprietary ANSELL GRIP™ Technology blocks oils and lubricants from affecting wearer's skin
- RIPEL™ Liquid Repellence Technology wicks away liquid to reduce the risk of slippage
- Ergonomic design improves comfort and dexterity
- Vend offering available



D. HyFlex® 11-926

Improved productivity for oily work environments.

- Tough protection against oil exposure and knuckle abrasion
- Enhanced liner provides unrestricted second skin feel
- ANSELL GRIP™ Technology reduces the risk of slippage
- Vend offering available



E. ActivArm® 97-007

Versatile protection for the toughest jobs.

- Nitrile foam coating provides dexterity while enhancing wet and dry grip
- Slip wrist design improves worker comfort
- Breathable nylon liner offers enhanced durability

Key	Description	Mfr Model	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	HyFlex®	11-840	1	A1	4	Gray/Black	15	Nylon/Spandex	Foam Nitrile	No	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
B.	HyFlex®	11-920	1	A1	4	Blue/Dark Blue	15	Nylon	Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
C.	HyFlex®	11-925	0	--	3	Blue/Black	18	Nylon/Spandex	Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
D.	HyFlex®	11-926	1	A1	5	Purple/Black	18	Nylon/Spandex	Nitrile	Yes	Yes	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
E.	ActivArm®	97-007	1	A1	3	Dark Gray/Black	15	Nylon/Spandex	Foam Nitrile	No	No	S (8), M (9), L (10), XL (11)

Industrial Applications

Gloves, Thermal Protection

This range of thermal protection solutions can help guard against risks related to heat or cold exposure. Whether you need protection from cold weather exposure, or during intermittent handling of hot objects, these gloves offer excellent risk protection. Ansell offers solutions for low temperature, heat, sparks, molten splash, steam, chemical and liquid exposure risks.



A. ActivArm® 42-474

Superior heat resistance for complete hand and wrist protection.

- Excellent grip when handling dry or oily surfaces
- Nitrile coating protects against snags, punctures, abrasion and cuts
- Intermittent handling of objects up to 400°F



B. ActivArm® 43-113

Robust protection with superior heat and flame resistance.

- DuPont™ Kevlar® lining provides high level of cut protection and intermittent handling of objects up to 660°F
- Resistant to contact, convective and radiant heat for ultimate thermal protection
- Self-extinguishes when exposed to flame



C. ActivArm® 43-216

Durable and comfortable glove for welding applications.

- Suitable for stick and MIG welding, as well as torch cutting and grinding
- Cotton lining provides thermal insulation and extended comfort
- Heat and molten splash resistance



ActivArm® 43-217



D. ActivArm® 43-217

Optimum protection against heat, flames, sparks and weld spatter.

- Suitable for TIG welding, as well as grinding brazing and metal fabrication
- Enhanced thumb design for precise welding control
- Extended protection to the forearm

Key	Description	Mfr Model	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	ActivArm®	42-474	--	A2	--	Grey	--	Non-Woven Felt	Uncoated	Yes	Yes	(M) 9, (L) 10
B.	ActivArm®	43-113	5	A5	3	Yellow	7	DuPont™ Kevlar® Knitted Liner/Cotton	Uncoated	Yes	Yes	(M) 9, (L) 10
C.	ActivArm®	43-216	2	A2	3	Yellow	--	DuPont™ Kevlar® Knitted Liner/Cotton Jersey	Uncoated	Yes	Yes	(M) 9, (L) 10, (XL) 11
D.	ActivArm®	43-217	1	A1	3	Yellow/White	--	Leather	Uncoated	Yes	Yes	(M) 9, (L) 10, (XL) 11

Industrial Applications

Gloves, Thermal Protection

This range of thermal protection solutions can help guard against risks related to heat or cold exposure. Whether you need protection from cold weather exposure, or during intermittent handling of hot objects, these gloves offer excellent risk protection. Ansell offers solutions for low temperature, heat, sparks, molten splash, steam, chemical and liquid exposure risks.



A. ActivArm[®] 78-101

Enhanced comfort and cold protection.

- Thermal insulation for cold weather protection
- Designed to avoid any discomfort or skin irritation
- Ambidextrous and washable gloves



B. ActivArm[®] 97-631

Excellent grip and comfort even in the coldest temperatures.

- Two-layer design enhances comfort and protection against mechanical risks
- Certifiably warm to help fight frostbite
- Compliant with FDA food handling requirements



C. ActivArm[®] 97-681

Outsmart the elements with a liquid-proof glove.

- Two-layer design enhances comfort and protection against mechanical risks
- Enhanced grip even in the coldest temperatures
- Designed to handle small objects and withstand harsh environments



ActivArm[®] 97-681

Key	Description	Mfr Model	ANSI/ISEA 2011 Cut Rating	ANSI/ISEA 2016 Cut Rating	ANSI/ISEA 2011 Abrasion Rating	Color Liner/Coating	Gauge	Liner Material/Construction	Coating Material	Latex Free Y/N	Silicone Free Y/N	Sizes
A.	ActivArm [®]	78-101	1	A1	3	Blue	13	Thermolite [®] /Polyester	Uncoated	No	No	One Size
B.	ActivArm [®]	97-631	--	A2	3	Black	--	Nylon	PVC	No	No	(XS) 7, (S) 8, (M) 9, (L) 10, (XL) 11
C.	ActivArm [®]	97-681	--	A2	3	Blue	--	Nylon	PVC	No	No	(S) 8, (M) 9, (L) 10, (XL) 11

Industrial Applications

Gloves, Electrical Safety Hand Protection

ActivArm® Electrical Insulated gloves offer a safe and durable solution where protection against electrical shock is of the utmost importance. Manufactured from 100% natural rubber latex using a proprietary environmentally-friendly dipping process. Ergonomic shape provides a natural hand-at-rest feel reducing hand fatigue.

- Exceeds ASTM D120 extensive requirements testing
- Product meets all applicable ASTM, NFPA, OSHA, CSA and EN standards
- Available in Classes 00, 0, 1, 2, 3, 4
- Available in a range of sizes (7 to 12), Straight Cuff lengths (11" to 18") and colors (black, yellow, red)
- Leather cover gloves and canvas bags available



Ansell Ordering Numbers by Product

ELECTRICAL RUBBER INSULATING GLOVES										
SIZE	7	8	8.5	9	9.5	10	10.5	11	12	COLOR
CLASS 00 B 11	113775	113776	123720	113777	123721	113778	123722	113779	113780	Black
CLASS 00 B 14	113787	113788	123726	113789	123727	113790	123728	113791	113792	Black
CLASS 00 R 11	114258	114259	123746	114260	123747	114261	123748	114262	114263	Red
CLASS 00 Y 11	113747	113748	123723	113749	123724	113750	123725	113751	113752	Yellow
CLASS 00 Y 14	113759	113760	123729	113761	123730	113762	123731	113763	113764	Yellow
CLASS 0 B 11	113781	113782	123732	113783	123733	113784	123734	113785	113786	Black
CLASS 0 B 14	113793	113794	123738	113795	123739	113796	123740	113797	113798	Black
CLASS 0 R 11	114264	114265	123750	114266	123751	114267	123749	114268	114269	Red
CLASS 0 R 14	121731	121732	123752	121733	123411	121734	123412	121735	121736	Red
CLASS 0 Y 11	113741	113742	123735	113743	123736	113744	123737	113745	113746	Yellow
CLASS 0 Y 14	113753	113754	123741	113755	123409	113756	123410	113757	113758	Yellow
CLASS 1 Y 14		114238		114239		114240		114241	114242	Yellow
CLASS 1 Y 16		114248		114249		114250		114251	114252	Yellow
CLASS 1 B 14		114243		114244		114245		114246	114247	Black
CLASS 1 B 16		114253		114254		114255		114256	114257	Black
CLASS 2 B 14		113799	124079	113800	123742	113801	123743	113802	113803	Black
CLASS 2 B 16		113804	124080	113805	123744	113806	123745	113807	113808	Black
CLASS 2 R 14		114270		114271		114272		114273	114274	Red
CLASS 2 Y 14		113765		113766		113767		113768	113769	Yellow
CLASS 2 Y 16		113770		113771		113772		113773	113774	Yellow
CLASS 3 B 16		113812		113813		113811		113814	113815	Black
CLASS 4 B 18				113816		113817		113818	113819	Black

ELECTRICAL RUBBER INSULATING GLOVES KITS – (SET OF ELECTRICAL GLOVES, LEATHER PROTECTORS, CANVAS BAG)										
CLASS 00 B 11		124283		124284		124285		124286	810804	Black
CLASS 00 Y 11		124279		124280		124281		124282	817142	Yellow
CLASS 00 R 11		810698		810699		810700		810701	817143	Red
CLASS 0 B 11		124276		124277		124278		124315	817144	Black
CLASS 0 Y 11		124273		124274		124275		124314	817145	Yellow
CLASS 0 R 11		810695		810694		810696		810697	817146	Red

LEATHER PROTECTOR GLOVES										
LO-VOL GOAT (0 & 00)	113899	113890		113891		113892		113893	113894	
HIGH-VOL GOAT (1-4)		113895		113896		113897		113898	113899	

STORAGE BAG W/ BELT CLIP										
LENGTH	11"	14"	16"	18"						
CANVAS BAG	113900	113901	113902	113903						

Determine the maximum voltage to which the worker will be exposed, then choose a class of glove rated at or above that voltage.

Ansell's ActivArm® Insulating Gloves have a color coded label which designates the maximum use voltage for each class of gloves as the ASTM D120-09 specifications.

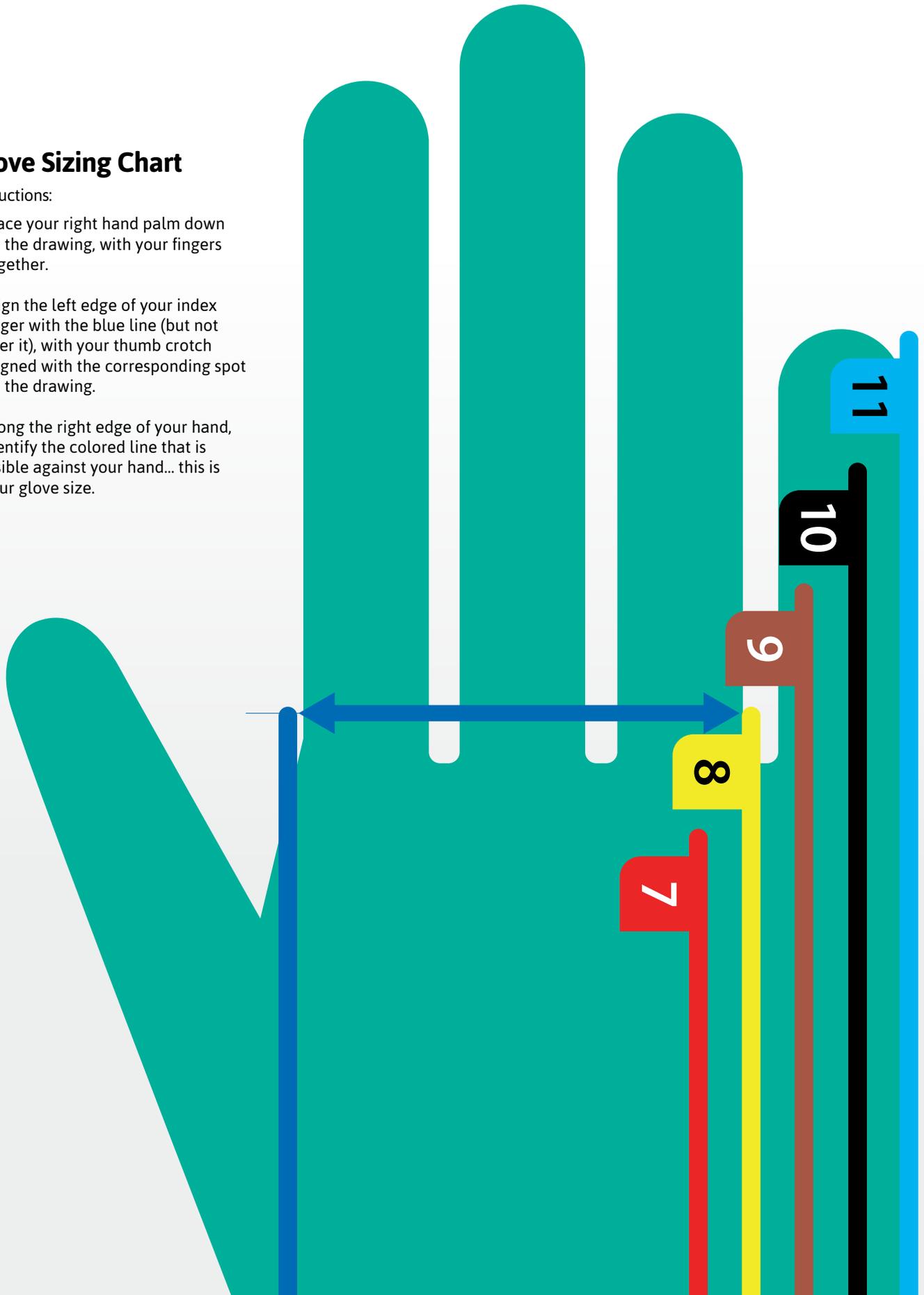
Use the ASTM Chart to your right to determine the appropriate level of protection for your application.

ASTM Labelling Chart ActivArm® Electrical Rubber Insulating Gloves							
Class Color	Proof Test Voltage AC/DC	Max. Use Voltage AC/DC	Insulating Rubber Glove Label	Class Color	Proof Test Voltage AC/DC	Max. Use Voltage AC/DC	Insulating Rubber Glove Label
00 Beige	2,500/10,000	500/750	10 ActivArm® INDUSTRIAL ASTM D120 CLASS 00 EN60903 TYPE I MAX USE VOLT 500V AC	2 Yellow	20,000/50,000	17,000/25,500	10 ActivArm® INDUSTRIAL ASTM D120 EN60903 TYPE I MAX USE VOLT 17000V AC
0 Red	5,000/20,000	1,000/1,500	10 ActivArm® INDUSTRIAL ASTM D120 CLASS 0 EN60903 TYPE I MAX USE VOLT 1000V AC	3 Green	30,000/60,000	26,500/39,750	10 ActivArm® INDUSTRIAL ASTM D120 EN60903 TYPE I MAX USE VOLT 26500V AC
1 White	10,000/40,000	7,500/11,250	10 ActivArm® INDUSTRIAL ASTM D120 CLASS 1 EN60903 TYPE I MAX USE VOLT 7500V AC	4 Orange	40,000/70,000	36,000/54,000	10 ActivArm® INDUSTRIAL ASTM D120 EN60903 CLASS 4 TYPE I MAX USE VOLT 36000V AC

Glove Sizing Chart

Instructions:

- Place your right hand palm down on the drawing, with your fingers together.
- Align the left edge of your index finger with the blue line (but not over it), with your thumb crotch aligned with the corresponding spot on the drawing.
- Along the right edge of your hand, identify the colored line that is visible against your hand... this is your glove size.



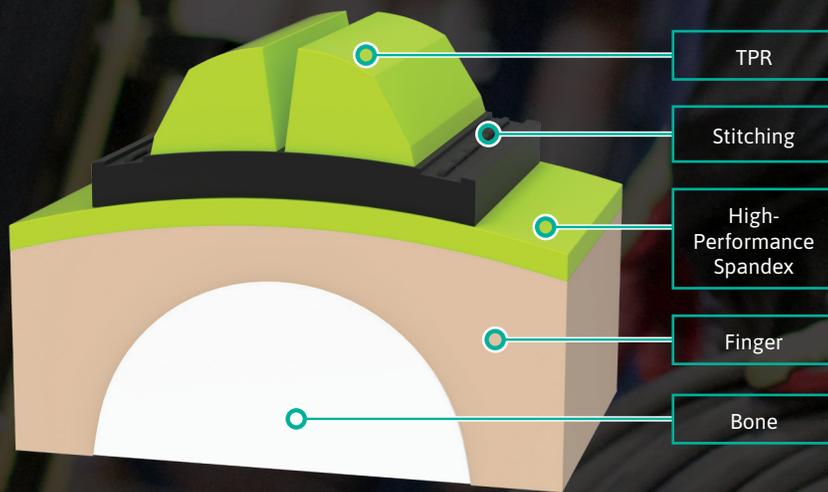


**Impact
Protection
Solutions**

OUR LATEST INNOVATION

The RINGERS GLOVES® Impact Protection System

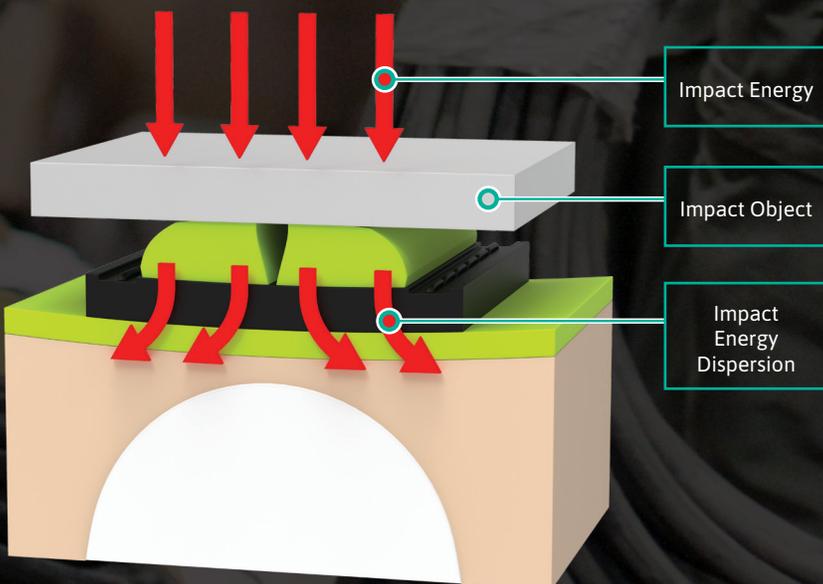
RINGERS GLOVES® signature impact protection system uses TPR as the primary method for protecting hands from impact injuries. TPR is ideal because of its elastic, rubber-like attributes that effectively disperses impact energy away from the bone, reducing the force of the impact.



TPR CROSS SECTION

Each piece of TPR is securely stitched to the dorsal side of the hand. Our TPR designs follow the anatomy of the hand so that full range of motion is maintained.

TPR is molded in a variety of shapes and sizes to fit the purpose and function of the glove. Heavy duty tasks require impact protection covering more area of the hand than lighter duty tasks.



IMPACT DISPERSION

TPR is designed with precision in order to effectively disperse energy from an impact. Our signature design combines TPR attributes such as softness, hardness, shape, thickness, and color to create the most effective impact glove in the world.

ANSI/ISEA 138 IMPACT STANDARDS

The American National Standards Institute developed enhanced standards for testing and rating PPE against certain hazards. Introduced in 2019, the United States uses the ANSI/ISEA standard, which significantly improves the way gloves are tested and rated, regulating the claims made by impact resistant gloves in the marketplace and enabling you to make educated decisions about the protection you provide to your workers.

UPDATED TPR DESIGN - COMING SOON

As a leader in impact protection, RINGERS GLOVES® products have been updated with a new TPR design that has been developed to deliver impact protection at the intended levels of compliance in accordance with the ANSI ISEA 138-2019 Impact Resistant Gloves standard. Our products shown in the following pages include the new look, with new inventory represented by inclusion of the ANSI/ISEA 138 icon on the glove. Our impact protection line will continue to incorporate these updates and meet the noted test ratings. Review the informative material below to learn more about the standard.

ANSI/ISEA 138 - 2019

Establishes “minimum performance, classification, and labeling requirements for hand protection products designed to protect the knuckles and fingers from impact forces, while performing occupational tasks.” There are three performance levels which will offer numerical representation for the impact protection the glove provides. The rating of the glove will reflect the lowest performance level recorded across multiple tests. Level one will be the lowest rating for impact protection, and level three will be the highest. Testing calls for specific preparation and conditioning of the glove, with the highest mean transmitted force (lowest rating) between the tests recorded. Meaning if the knuckle rating is two, but the fingers rating is one, the glove is assigned a one rating.

ANSI / ISEA 138



Peak Transmitted Force
≤9 kN

ANSI / ISEA 138

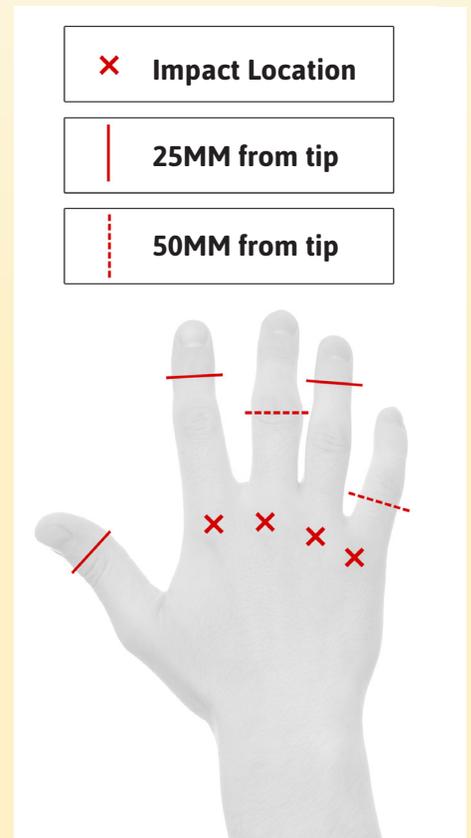
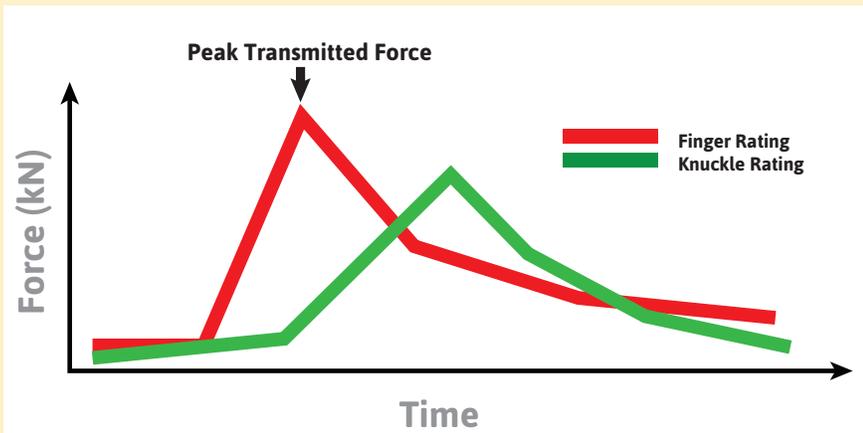


Peak Transmitted Force
≤6.5 kN

ANSI / ISEA 138



Peak Transmitted Force
≤4 kN



Industrial Applications

Gloves, Industrial, Impact

RINGERS GLOVES® delivers optimized impact protection, dexterity and comfort to our users. From oil & gas to mining, RINGERS GLOVES® develops cutting-edge safety gloves that are designed to keep workers safe in the most challenging circumstances.



- A. RINGERS GLOVES® 259 Synthetic Leather Palm**
Durable synthetic leather for enhanced grip and protection
- Durable synthetic leather palm for enhanced grip
 - Certified Level 2 ANSI / ISEA 138-2019 impact glove provides excellent protection
 - Includes high visibility and extended neoprene wrist closure for added safety and security



- B. RINGERS GLOVES® 259B Barrier / Synthetic Leather Palm**
Waterproof barrier for increased comfort and protection
- Certified Level 2 ANSI / ISEA 138-2019 impact glove provides excellent protection
 - Liquid resistant coating on top of hand
 - Additional palm layer for superior cut resistance



- C. RINGERS GLOVES® 267 TEFLOC™ Palm**
High visibility impact gloves for increased safety
- TPR protection on top of hand and full length of fingers
 - Certified Level 2 ANSI / ISEA 138-2019 impact glove provides excellent protection
 - Includes high visibility and extended airprene wrist closure for added safety and security



- D. RINGERS GLOVES® 297 Durable Palm**
High visibility impact gloves with enhanced grip
- TPR protection on top of hand and full length of fingers
 - Certified Level 2 ANSI / ISEA 138-2019 impact glove provides excellent protection
 - Includes high visibility and extended airprene wrist closure for added safety and security

RINGERS GLOVES® 297 in Oil & Gas Application



Key	Description	Style No.	ANSI/ISEA 2016 Cut Rating	Liner	Bumpers	Construction	Cuff	Sizes	Packaging
A.	RINGERS GLOVES®	259	A5	Cut resistant palm layer	Thermoplastic Rubber	2 layer palm, wing thumb and point finger tips construction	Extended Airprene slip-on cuff	8, 9, 10, 11, 12, 13	5 pairs in a bag; 10 bags in a carton 50 pairs per carton
B.	RINGERS GLOVES®	259B	A6	Cut resistant palm layer and proprietary barrier	Thermoplastic Rubber	2 layer palm, wing thumb and point finger tips construction and DuPont™ Kevlar® stitching	Extended Neoprene slip-on cuff	8, 9, 10, 11, 12, 13	5 pairs in a bag; 10 bags in a carton 50 pairs per carton
C.	RINGERS GLOVES®	267	A2	None	Thermoplastic Rubber	2 layer palm, wing thumb and point finger tips	Extended Airprene slip on cuff	7, 8, 9, 10, 11, 12, 13, 14	5 pairs in a bag; 10 bags in a carton 50 pairs per carton
D.	RINGERS GLOVES®	297	A3	None	Thermoplastic Rubber	2 layer palm, wing thumb and point finger tips construction	Extended Airprene slip-on cuff	7, 8, 9, 10, 11, 12, 13, 14	5 pairs in a bag; 10 bags in a carton 50 pairs per carton

Industrial Applications

Gloves, Industrial, Impact

RINGERS GLOVES® delivers optimized impact protection, dexterity and comfort to our users. From oil & gas to mining, RINGERS GLOVES® develops cutting-edge safety gloves that are designed to keep workers safe in the most challenging circumstances.



A. RINGERS GLOVES® 065 Nitrile Half-Dip

Breathable impact gloves for increased comfort and protection

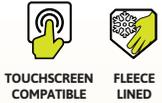
- Half-dipped nitrile coating on palm with sandy finish for enhanced wet and dry grip
- Impact glove designed to provide excellent protection while maintaining flexibility
- Touchscreen compatible index, middle and thumb tips



B. RINGERS GLOVES® 068 Nitrile Full-Dip

Superior dexterity with combined impact, cut and liquid protection

- Proprietary double-dip technology delivers liquid resistance and grip
- Impact glove designed to provide excellent protection while maintaining flexibility
- Touchscreen compatible index, middle and thumb tips



C. RINGERS GLOVES® 085 Nitrile Half-Dip Fleece Lined

Comfort, flexibility and durability in a single glove

- Fleece lined for added warmth in cold temperatures
- Touchscreen compatible index, middle and thumb tips
- Certified Level 2 ANSI / ISEA 138-2019 impact glove provides excellent protection



D. RINGERS GLOVES® 074 Impact Short Cuff

Durable chemical glove solution with enhanced grip

- Proprietary PVC coating for waterproof and chemical resistance
- Gauntlet-style cuff keeps debris and liquid away from hands
- Certified Level 1 ANSI / ISEA 138-2019 impact glove provides excellent protection



E. RINGERS GLOVES® 075 Impact Long Cuff

Durable glove solution that protects against a wide range of chemicals

- Certified Level 1 ANSI / ISEA 138-2019 impact glove provides excellent protection
- Gauntlet-style cuff keeps debris and liquid away from hands
- High levels of cut, abrasion and chemical protection

Key	Description	Style No.	ANSI/ISEA 2016 Cut Rating	Glove Shell	Bumpers	Construction	Cuff	Sizes	Packaging
A.	RINGERS GLOVES®	065	A4	HPPE	Thermoplastic Rubber	Seamless 13 gg knit	3" 1x1 ribbed cuff with binding	7, 8, 9, 10, 11, 12, 13	12 pairs in a bag; 6 bags in a carton 72 pairs per carton
B.	RINGERS GLOVES®	068	A6	HPPE	Thermoplastic Rubber	Seamless 13 gg knit	3" 1x1 ribbed cuff with binding	7, 8, 9, 10, 11, 12, 13	10 pairs in a bag; 6 bags in a carton 60 pairs per carton
C.	RINGERS GLOVES®	085	A6	HPPE	Thermoplastic Rubber	Seamless 13 gg knit	3" 1x1 ribbed cuff with binding	7, 8, 9, 10, 11, 12, 13	8 pairs in a bag; 6 bags in a carton 48 pairs per carton
D.	RINGERS GLOVES®	074	A3	PVC	Thermoplastic Rubber	Full dip PVC coating	35cm gauntlet cuff (same for all sizes)	8, 10, 12	12 pairs in a bag; 2 bags in a carton 24 pairs per carton
E.	RINGERS GLOVES®	075	A3	PVC	Thermoplastic Rubber	Full dip PVC coating	S/M-40cm, L/XL-45cm, 2XL/3XL-50cm gauntlet	8, 10, 12	12 pairs in a bag; 2 bags in a carton 24 pairs per carton

Industrial Applications

Gloves, Industrial, Impact

RINGERS GLOVES® delivers optimized impact protection, dexterity and comfort to our users. From oil & gas to mining, RINGERS GLOVES® develops cutting-edge safety gloves that are designed to keep workers safe in the most challenging circumstances.



A. RINGERS GLOVES® 169 Synthetic Leather Palm

Premium synthetic leather gloves for long lasting durability

- Secure cuff with hook and loop rubber pull tab closure for easy donning
- Additional palm layer enhances cut resistance
- Impact glove designed to provide excellent protection while maintaining flexibility



B. RINGERS GLOVES® 176 Insulated / Synthetic Leather Palm

Liquid-proof & durable cut protection

- Certified Level 2 ANSI / ISEA 138-2019 impact glove provides excellent protection
- Additional palm layer enhances cut resistance
- 70g Thinsulate™ insulation provides more warmth



C. RINGERS GLOVES® 665 Impact

Premium leather gloves for maximum comfort, dexterity and durability

- Enhanced cut resistance with reinforced wrap-around and leather patch for durability
- Impact glove designed to provide excellent protection while maintaining flexibility
- Slip-on cuff with hook and loop pull tab for a secure fit

RINGERS GLOVES® 665 in Construction Application



Key	Description	Style No.	ANSI/ISEA 2016 Cut Rating	Liner	Bumpers	Construction	Cuff	Sizes	Packaging
A.	RINGERS GLOVES®	169	A5	Cut resistant palm layer	Thermoplastic Rubber	2 layer palm with wing thumb design	Adjustable cuff	8, 9, 10, 11, 12, 13	5 pairs in a bag; 10 bags in a carton 50 pairs per carton
B.	RINGERS GLOVES®	176	A6	Cut resistant palm layer	Thermoplastic Rubber	2 layer palm with wing thumb design	Gaiter cuff	8, 9, 10, 11, 12, 13	5 pairs in a bag; 10 bags in a carton 50 pairs per carton
C.	RINGERS GLOVES®	665	A5	Cut resistant palm layer	Thermoplastic Rubber	Single palm, wing thumb and point finger tips construction	Elastic with secure hook and loop closure	8, 9, 10, 11, 12, 13	5 pairs in a bag; 10 bags in a carton 50 pairs per carton



**Disposable
Glove
Solutions**

Disposable Gloves – Ansell has you covered.

As a global leader in disposable glove technologies, we ensure that you can provide your customers the solutions they need to protect workers. Ansell offers a full line of disposable gloves that provide comfort and dexterity across a wide range of applications and conditions.

How disposable gloves protect hands from three common risks

Using disposable gloves each day helps protect workers from the three most common risks on the job.



BIOLOGICAL

Provides a barrier against bodily fluids to prevent viruses and bacteria from reaching skin.



CHEMICAL

Provide chemical splash protection to keep oils, lubricants and fluids off skin.



MECHANICAL

Provides a barrier against minor cuts, scrapes and irritants.

Ansell disposable hand protection solutions

Each glove is grouped into one of five categories based on the hand protection need it best addresses.



High Touch: High Touch gloves are ultra-thin gloves that provide the highest level of tactile sensitivity, especially at the fingertip.



Multi-Purpose: Multi-Purpose gloves are versatile gloves that work well in a broad range of applications



Robust: Robust gloves are engineered to provide added strength and durability for longer wear times.



High Risk: High Risk gloves have longer cuffs, providing additional protection for the wrist and the forearm.



Controlled Environment: Controlled Environment gloves are specially cleaned and/or sterile processed to meet the special requirements of cleanroom and aseptic controlled environments.

Disposable glove quality - understanding AQL

What is AQL?

Regulatory agencies allow a certain number of failures (holes) in every lot of disposable gloves that a manufacturer produces. That number is called an "Acceptable Quality Level" – or AQL.

How Is AQL Tested?

Using random sampling from every production lot, quality testers fill gloves with water and check for pinhole defects (leaks).

Why Is AQL Important?

AQL tests measure and rate the barrier integrity of disposable gloves. Low AQL numbers indicate fewer pinhole defects, and higher levels of quality.



Performance Overview by Polymer

	Comfort	Performance	Protection	Comments
Natural Rubber Latex	Very High	High	High	<ul style="list-style-type: none"> Highest comfort with elasticity & dexterity Great wet and dry grip Allergenic; type I & type IV
Nitrile	High	High	High	<ul style="list-style-type: none"> Strong and durable material Excellent puncture and abrasion resistance Good chemical splash resistance
Neoprene	High	High	High	<ul style="list-style-type: none"> Broad chemical splash resistance Maintains flexibility across a wide range of temperatures Consistent performance even in wet environments
Polyisoprene	Very High	High	High	<ul style="list-style-type: none"> As comfortable as natural rubber latex Second skin fit and feel Reduces the risk of type I and type IV allergies
Vinyl	High	High	High	<ul style="list-style-type: none"> Most economical Provides lowest level of protection and performance



Thin Gloves, Nitrile

Thin gloves designed to provide the sensitivity and tactility necessary for tasks that require fine motor control. High Touch gloves are ideal for applications where workers need to manipulate and feel objects with their fingertips.



A. MICROFLEX® N29

- Nitrile exam grade glove offering enhanced fingertip sensitivity.
- Economical glove solution for everyday tasks
 - Textured fingers improve grip performance
 - Ideal for food processing, sample taking and maintenance



B. MICROFLEX® Sensation™ N73

- Clinically-proven nitrile exam grade gloves to prevent contact dermatitis.
- Specialized formulation designed to reduce redness and itching
 - Enhanced comfort and fingertip sensitivity
 - Ideal for assembly, sample taking and standard patient examinations



C. MICROFLEX® Ultraform™ UF-524

- Increase productivity and performance compared to using bare hands.
- ERGOFORM™ Technology reduces hand fatigue and improves performance
 - Thin design for superior fingertip sensitivity improves performance
 - Available in half-sizes for unique and tailored fit
 - 300 gloves per dispenser, 10 dispensers per case, 3000 gloves per case
 - *Size XL: 250 gloves per dispenser, 2500 gloves per case



D. MICROFLEX® Soft White Nitrile TQ-601

- Nitrile exam grade gloves delivering excellent comfort and tactility.
- HYDRASOFT™ Technology helps skin retain more moisture
 - Thin and lightweight design enhances grip and dexterity
 - Ideal for food contact, lab testing, general dentistry and standard patient examinations



E. MICROFLEX® XCEED® XC-310

- Ansell's most durable thin mil nitrile glove.
- ERGOFORM™ Technology reduces hand fatigue and improve performance
 - Strong formulation prevents against rips and tears
 - Exceptional barrier integrity and enhanced fingertip sensitivity
 - 250 gloves per dispenser, 10 dispensers per case, 2500 gloves per case
 - *Size XL: 230 gloves per dispenser, 2300 gloves per case

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	MICROFLEX®	N29	Medical/Exam	Nitrile	Blue	3.1 mil	4.7 mil	1.5	9.5"	Fingers	Yes	XS, S, M, L, XL, XXL
B.	MICROFLEX® Sensation™	N73	Medical/Exam	Nitrile	Periwinkle Blue	2.4 mil	3.9 mil	1.5	9.5"	Fingers	Yes	XS, S, M, L, XL
C.	MICROFLEX® Ultraform™	UF-524	Medical/Exam	Nitrile	Deep Blue	2.4 mil	3.1 mil	1.5	9.1"	Fingers	Yes	XS, S, M, L, XL
D.	MICROFLEX® Soft White Nitrile	TQ-601	Medical/Exam	Nitrile	White	2.8 mil	3.9 mil	1.5	9.5"	Fingers	Yes	XS, S, M, L, XL
E.	MICROFLEX® XCEED®	XC-310	Medical/Exam	Nitrile	Light Blue	2.8 mil	4.3 mil	0.65	9.5"	Fingers	Yes	XS, S, M, L, XL

Multi-Purpose

Gloves, Nitrile

Versatile, disposable gloves that provide reliable protection for a wide range of applications and environments. When compared to High Touch gloves, Multi-Purpose gloves are slightly thicker and heavier.



- A. MICROFLEX® N20**
Nitrile industrial grade gloves for light maintenance tasks.
- Economical glove solution for everyday tasks
 - Reliable protection, grip and fingertip sensitivity
 - Ideal for light maintenance, food processing and inspection



- B. MICROFLEX® A+™ N88**
Aloe-coated nitrile exam grade gloves for extended wear times.
- Soothing aloe protects hands from chapping, drying and cracking
 - Textured fingertips for enhanced grip
 - Ideal for food processing and sample taking



- C. MICROFLEX® BLACK DRAGON ZERO™ BD-1000-NPF**
Nitrile exam grade gloves offering excellent fingertip sensitivity.
- Textured fingertips for enhanced grip
 - Black color helps mask dirt, grease and stains
 - Tough, durable glove perfect for many applications



- D. MICROFLEX® Cobalt™ N19**
Nitrile exam grade gloves offering softer fit and feel.
- Tested for use with chemotherapy or cytotoxic drugs
 - Fully textured for enhanced grip
 - Ideal for maintenance, food processing, sample taking and moderate risk examinations



- E. MICROFLEX® Onyx™ N64**
Nitrile exam grade gloves to easily view lighter-colored objects.
- Black color to mask dirt, grease and stains
 - Textured fingertips for consistent grip
 - Ideal for maintenance, inspection, painting and moderate risk examinations



- F. MICROFLEX® N85**
Powder-free nitrile gloves with excellent grip.
- Fully textured for enhanced grip
 - Soft and stretchy for comfort.
 - Ideal for food processing and sample taking

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	MICROFLEX®	N20	Food/Industrial	Nitrile	Blue	3.9 mil	4.7 mil	4.0	9.5"	Fully	Yes	S, M, L, XL, XXL
B.	MICROFLEX® A+™	N88	Medical/Exam	Nitrile	Aloe Green	5.1 mil	5.8 mil	1.5	9.5"	Fingers	Yes	S, M, L, XL, XXL
C.	MICROFLEX® BLACK DRAGON ZERO™	BD-1000-NPF	Medical/Exam	Nitrile	Black	3.5 mil	5.5 mil	1.5	9.6"	Fingertips	Yes	XS, S, M, L, XL, XXL
D.	MICROFLEX® Cobalt™	N19	Medical/Exam	Nitrile	Cobalt Blue	3.9 mil	4.3 mil	1.5	9.5"	Fully	Yes	XS, S, M, L, XL
E.	MICROFLEX® Onyx™	N64	Medical/Exam	Nitrile	Black	3.5 mil	5.1 mil	1.5	9.6"	Fingers	Yes	S, M, L, XL, XXL
F.	MICROFLEX®	N85	Medical/Exam	Nitrile	Blue	3.5 mil	4.7 mil	1.5	9.5"	Fully	Yes	XS, S, M, L, XL, XXL

Multi-Purpose

Gloves, Latex

Versatile, disposable gloves that provide reliable protection for a wide range of applications and environments. When compared to High Touch gloves, Multi-Purpose gloves are slightly thicker and heavier.



- A. MICROFLEX® L56**
 Latex industrial grade gloves offering enhanced comfort and grip.
- Powder-free latex glove provides enhanced dexterity
 - Fully textured for enhanced grip
 - Meets FDA food handling requirements



- B. MICROFLEX® ComfortGrip™ CFG-900**
 Latex exam grade gloves for daily routines.
- Offers excellent quality and value for everyday use
 - Textured fingertips provide enhanced grip
 - Ideal for food processing, sample taking and standard patient examinations



- C. MICROFLEX® Diamond Grip™ Plus DGP-350**
 Durable latex gloves for various uses.
- Fully textured for enhanced grip
 - Powder free latex gloves that provide increased dexterity
 - Ideal for food processing, equipment maintenance and patient examinations



- D. MICROFLEX® EVOLUTION ONE™ EV-2050**
 Latex exam grade gloves provide maximum comfort.
- Comfortable and durable latex for extended wear times
 - Fully textured for enhanced grip
 - Ideal for transferring liquids, assembly, sample taking and moderate risk examinations



- E. MICROFLEX® Black Dragon™ BD-1000-PF**
 Comfortable latex gloves in black to hide dirt and grime.
- Textured fingertips for secured grip
 - Stretchy and comfortable latex for long wear
 - Black color helps masks dirt and provide contrast against tools and materials while hands are working



- F. TouchNTuff® 69-318**
 Latex exam grade gloves with enhanced fingertip sensitivity.
- Thin and lightweight design improves comfort and dexterity
 - Textured fingertips provide enhanced grip
 - Meets FDA food handling requirements

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	MICROFLEX®	L56	Food/Industrial	Latex	Natural	3.5 mil	4.3 mil	4.0	9.5"	Fully	Yes	S, M, L, XL
B.	MICROFLEX® ComfortGrip™	CFG-900	Medical/Exam	Latex	Natural	5.1 mil	6.3 mil	1.5	9.6"	Fingers	Yes	XS, S, M, L, XL
C.	MICROFLEX® Diamond Grip™ Plus	DGP-350	Medical/Exam	Latex	Natural	5.1 mil	6.3 mil	1.5	9.6"	Fully	No	XS, S, M, L, XL
D.	MICROFLEX® EVOLUTION ONE™	EV-2050	Medical/Exam	Latex	Natural	5.5 mil	5.9 mil	1.5	9.5"	Fully	Yes	XS, S, M, L, XL
E.	MICROFLEX® Black Dragon™	BD-1000-PF	Medical/Exam	Latex	Black	4.7 mil	5.1 mil	1.5	9.6"	Fully	No	XS, S, M, L, XL
F.	TouchNTuff®	69-318	Medical/Exam	Latex	Natural	4.7 mil	5.5 mil	1.5	9.5"	Fingers	Yes	XS, S, M, L, XL

Multi-Purpose

Gloves, Other Polymers

Versatile, disposable gloves that provide reliable protection for a wide range of applications and environments. When compared to High Touch gloves, Multi-Purpose gloves are slightly thicker and heavier.



- A. MICROFLEX® V28**
Vinyl industrial grade glove for cleaning and maintenance.
- Smooth finish for a more natural fit and grip
 - Made without DEHP chemicals
 - Ideal for general purpose use and food handling



- B. MICROFLEX® V29**
Vinyl industrial glove for food handling and light duty jobs.
- Powdered to absorb moisture and keeps hands dry
 - Made without DEHP chemicals
 - Ideal for food prep, light duty cleaning and general maintenance



- C. MICROFLEX® Derma Free™ DF-850**
Vinyl exam grade gloves serve worker needs across multiple applications.
- Manufactured as a 100% synthetic glove
 - Made without DEHP chemicals
 - Ideal for food processing and low risk examinations



- D. DURA-TOUCH® 34-740**
Reliable clear vinyl gloves.
- Highly durable powder free PVC gloves
 - Latex free to prevent Type I and Type IV allergies
 - Complies with FDA food handling requirements



- E. MICROFLEX® NEOGARD™ C52**
Neoprene exam grade gloves designed to help reduce ergonomic injuries.
- ERGOFORM™ Technology reduces hand fatigue and improves performance
 - Certified for exceptional wet grip
 - Ideal for assembly, sanitization, blending, compounding, transferring liquids and sample taking



- F. DURA-TOUCH® 34-650**
High quality blue vinyl gloves.
- Complies with FDA food handling requirements
 - Latex free to prevent Type I and Type IV allergies
 - Ideal for food processing, life science and chemical applications

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	MICROFLEX®	V28	Food/Industrial	Vinyl	Clear	2.8 mil	5.1 mil	4.0	9.4"	Smooth Grip	Yes	XS, S, M, L, XL
B.	MICROFLEX®	V29	Food/Industrial	Vinyl	Blue	2.8 mil	4.7 mil	4.0	9.4"	Smooth Grip	No	XS, S, M, L, XL
C.	MICROFLEX® Derma Free™	DF-850	Medical/Exam	Vinyl	Clear	3.9 mil	3.5 mil	1.5	9.3"	Smooth Grip	Yes	XS, S, M, L, XL
D.	DURA-TOUCH®	34-740	Food/Industrial	Vinyl	Clear	4.3 mil	3.9 mil	4.0	9.1"	Smooth Grip	Yes	S, M, L, XL
E.	MICROFLEX® NEOGARD™	C52	Medical/Exam	Neoprene	Green	3.9 mil	5.1 mil	1.5	9.6"	Fingers	Yes	XS, S, M, L, XL
F.	DURA-TOUCH®	34-650	Food/Industrial	Vinyl	Blue	4.4 mil	3.9 mil	4.0	9.1"	Smooth Grip	Yes	S, M, L, XL

Thick Gloves, Nitrile

Highly resilient gloves engineered for strength, endurance and longer wear times for demanding work conditions. These gloves often provide better chemical splash protection when compared to High Touch or Multi-Purpose gloves.



A. MICROFLEX® 93-850

Higher levels of protection against harmful exposures.

- TNT™ Technology allows for superior chemical splash resistance
- Ultimate barrier against a wide range of chemicals
- Ideal for light assembly, sample taking, light chemical handling, maintenance and paint



B. MICROFLEX® COBALT™ X N21

Nitrile exam grade glove with extra thickness.

- Thick design resists punctures and tears
- Fully textured for enhanced grip
- Ideal for assembly, food processing, maintenance and moderate risk examinations



C. MICROFLEX® DURA FLOCK™ DFK-608

Nitrile industrial grade gloves with flock lining and splash protection.

- Thick design resists punctures
- Lining absorbs moisture and keeps hands dry
- Ideal for general maintenance, assembly, and inspection



D. MICROFLEX® INTEGRA™ N86

Nitrile exam grade gloves with extra thickness for more durability.

- Extra thickness in the palm and finger area for added durability
- Fully textured for enhanced grip
- Ideal for equipment repair, assembly, inspection and moderate risk examinations



E. MICROFLEX® MidKnight™ MK-296

Nitrile exam grade glove masks dirt and stains.

- Non-foaming for easy handling in wet environments
- More than 240 minutes of resistance to fentanyl and gastric acid
- Ideal for inspection, cleaning, blending, raw material sampling and moderate risk examinations

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A	MICROFLEX®	93-850	Food/Industrial	Nitrile	Teal	4.7 mil	7.5 mil	4.0	9.5"	Fingers	Yes	XS, S, M, L, XL, XXL
B	MICROFLEX® COBALT™ X	N21	Medical/Exam	Nitrile	Cobalt Blue	4.7 mil	5.5 mil	1.5	9.5"	Fully	Yes	S, M, L, XL
C	MICROFLEX® DURA FLOCK™	DFK-608	Food/Industrial	Nitrile	Dark Green	8.3 mil	7.9 mil	2.5	10.6"	Fully	Flock Lined	S, M, L, XL, XXL
D	MICROFLEX® INTEGRA™	N86	Medical/Exam	Nitrile	Light Blue	6.7 mil	7.5 mil	1.5	9.5"	Fully	Yes	S, M, L, XL, XXL
E	MICROFLEX® MidKnight™	MK-296	Medical/Exam	Nitrile	Black	4.7 mil	5.5 mil	1.5	9.6"	Fully	Yes	XS, S, M, L, XL, XXL

*Based on Ansell durability pull test data, when compared to performance of disposable nitrile gloves of similar thickness. Based on EN 374 and ASTM F739 chemical permeation test data, when compared to performance of disposable nitrile gloves of a similar weight. Visit www.Ansell.com/Microflex93-850chemtest to view chemical permeation test data.



Thick Gloves, Nitrile

Highly resilient gloves engineered for strength, endurance and longer wear times for demanding work conditions. These gloves often provide better chemical splash protection when compared to High Touch or Multi-Purpose gloves.



A. MICROFLEX® SUPRENO™ SE SU-690

Nitrile exam grade gloves with advanced barrier protection.

- Durable nitrile formulation for demanding jobs and extended wear times
- Exceptional barrier integrity for added protection
- Ideal for inspection, assembly, maintenance, and high risk clinical applications



B. MICROFLEX® N25

Durable nitrile gloves with extra thickness.

- Fully textured for a secure grip
- Soft nitrile formulation offers incredible fit
- Ideal for assembly, food processing, production line support and life sciences



SU-690 Healthcare application

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	MICROFLEX® SUPRENO™ SE	SU-690	Medical/Exam	Nitrile	Blue-Violet	4.3 mil	7.1 mil	0.65	9.6"	Fingers	Yes	XS, S, M, L, XL
B.	MICROFLEX®	N25	Food/Industrial	Nitrile	Blue	4.7 mil	5.5 mil	4.0	9.5"	Fully	Yes	S, M, L, XL, XXL

*Based on Ansell durability pull test data, when compared to performance of disposable nitrile gloves of similar thickness. Based on EN 374 and ASTM F739 chemical permeation test data, when compared to performance of disposable nitrile gloves of a similar weight. Visit www.Ansell.com/Microflex93-850chemtest to view chemical permeation test data.

Thick Gloves, Nitrile

Highly resilient gloves engineered for strength, endurance and longer wear times for demanding work conditions. These gloves often provide better chemical splash protection when compared to High Touch or Multi-Purpose gloves.



- A. TouchNTuff® 92-500**
Nitrile industrial grade gloves with enhanced chemical splash protection.
- TNT™ Technology allows for superior chemical splash resistance
 - Soft nitrile blend delivers comfort and durability
 - Ideal for food processing, sample taking, industrial production and maintenance



- B. TouchNTuff® 92-575**
Nitrile industrial grade gloves for food processing and heavy duty jobs.
- Powdered chemical splash protection
 - Powdered for easier donning and moisture absorption
 - Meets FDA food handling requirements



- C. TouchNTuff® 92-600**
The world's leading disposable glove for chemical splash protection.
- Proprietary formulation offers enhanced chemical splash protection
 - Double chlorinated for smooth feel and superior comfort
 - Robust design for enhanced mechanical protection
 - Vend offering available



- D. TouchNTuff® 92-675**
Nitrile industrial grade gloves with robust chemical protection.
- Soft, durable nitrile material for added comfort
 - Textured fingertips provide secure grip
 - Silicone-free for product protection
 - Vend offering available



- E. TouchNTuff® 93-250**
Nitrile industrial grade gloves offering splash resistance against various chemicals.
- ANSELL GRIP™ Technology enhances grip and reduces hand fatigue
 - Soft nitrile formulation provides comfort for extended wear times
 - Ideal for general maintenance, testing, product shipping, transport and delivery

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	TouchNTuff®	92-500	Food/Industrial	Nitrile	Green	4.7 mil	5.5 mil	4.0	9.5"	Fingers	No	S, M, L, XL
B.	TouchNTuff®	92-575	Food/Industrial	Nitrile	Blue	4.3 mil	5.5 mil	4.0	9.5"	Fingers	No	S, M, L, XL
C.	TouchNTuff®	92-600	Food/Industrial	Nitrile	Green	4.7 mil	5.5 mil	4.0	9.5"	Smooth Grip	Yes	S, M, L, XL
D.	TouchNTuff®	92-675	Food/Industrial	Nitrile	Blue	4.3 mil	5.5 mil	4.0	9.5"	Fingers	Yes	S, M, L, XL
E.	TouchNTuff®	93-250	Food/Industrial	Nitrile	Anthracite/Dark Grey	4.7 mil	5.5 mil	1.5	9.5"	Fingers	Yes	XS, S, M, L, XL



Thick Gloves, Other Polymers

Highly resilient gloves engineered for strength, endurance and longer wear times for demanding work conditions. These gloves often provide better chemical splash protection when compared to High Touch or Multi-Purpose gloves.



A. MICROFLEX® Diamond Grip™ MF-300

Premium latex with exceptional wet and dry grip.

- Rugged design prevents snags, rips and tears
- Double chlorinated design delivers smooth feel and enhanced comfort
- Ideal for inspection, maintaining equipment sample taking and moderate risk examinations



B. MICROFLEX® NeoPro™ NPG-888

Neoprene exam grade gloves with enhanced chemical splash protection.

- Approved for use with chemotherapy and cytotoxic drugs
- Polymer coating for easy donning and doffing
- Ideal for assembly, sample taking, administering drugs, maintenance and high risk clinical applications



MF-300 in an assembly line application

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	MICROFLEX® Diamond Grip™	MF-300	Medical/Exam	Latex	Natural	6.3 mil	7.9 mil	1.5	9.6"	Fingers	Yes	XS, S, M, L, XL
B.	MICROFLEX® NeoPro™	NPG-888	Medical/Exam	Neoprene	Green	5.1 mil	6.7 mil	1.5	9.6"	Fingers	Yes	XS, S, M, L, XL

High Risk

Thick Gloves, Nitrile

These highly efficient gloves are specifically engineered for enhanced chemical protection with advanced barrier integrity. These high-risk gloves are stringently tested against acidic substances like gastric acid for tactical use including military and first responders. These gloves also feature a strong and sturdy design that reduces the risk of rips, tears and snags.



A. MICROFLEX® ApexPro™ XP100 APXP12

Double-layer protection against opioids and other hazardous substances.

- pH balanced interior coating for improved hand health
- Advanced barrier protection tested against fentanyl and gastric acid
- Ideal for emergency services, administering drugs, inspection, maintenance and waste disposal



B. Digitcare™ Defender T™ DFR12-T

Nitrile exam gloves for military and tactical environments.

- Effective barrier against fentanyl as well as biological and blood borne agents
- Textured fingertips for enhanced grip
- Developed in coordination with the Department of Defense



C. MICROFLEX® LIFESTAR EC™ LSE-104

Dual-color nitrile disposable glove for critical emergency services.

- More than 240 minutes of resistance to fentanyl and gastric acid
- Certified by the National Fire Protection Association
- Ideal for administering drugs, emergency services, sample taking and standard patient examinations



D. MICROFLEX® MidKnight™ XTRA 93-862 NEW ★

Reliable fentanyl protection with extended cuffs.

- Easy to see when contact made with hazardous powders
- Fully textured for enhanced grip
- Proven to resist fentanyl for up to 240 minutes
- Ideal for administering drugs, emergency services, paint shops and standard patient examinations

MICROFLEX® ApexPro® XP100 in EMS applications



Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	MICROFLEX® ApexPro™ XP100	APXP12	Medical/Exam	Nitrile	Black/Gray	5.9 mil	8.3 mil	0.65	11.8"	Fully	Yes	XS, S, M, L, XL, XXL, XXXL
B.	Digitcare™ Defender T™	DFR12-T	Industrial	Nitrile	Tactical Green	5.5 mil	8.3 mil	0.65	11.8"	Fingers	Yes	S, M, L, XL, XXL
C.	MICROFLEX® LIFESTAR EC™	LSE-104	Medical / Exam	Nitrile	White/Blue	5.5 mil	8.3 mil	0.65	11.6"	Fingers	Yes	S, M, L, XL, XXL, XXXL
D.	★ MICROFLEX® MidKnight™ XTRA	93-862	Medical/Exam	Nitrile	Black	4.7 mil	6.3 mil	0.65	11.8"	Fully	Yes	S, M, L, XL, XXL

High Risk

Extended Cuff Gloves, Nitrile

These high performance, long cuff gloves are specifically engineered to provide expanded user protection at the wrist and forearm. High risk gloves often carry added certifications such as approved for use with chemotherapy drugs (global) and National Fire Protection Association (NFPA) certification for first responders. High risk gloves will often deliver increased chemical splash protection.



- A. MICROFLEX® 93-243**
Nitrile industrial grade gloves with extended beaded cuffs.
- Durable material with enhanced chemical splash resistance
 - Textured palm and fingers for a confident and secure grip
 - Ideal for food processing and various laboratory applications



- B. MICROFLEX® BLAZE™ N48**
Nitrile exam grade gloves for industrial and life sciences applications.
- Certified by the National Fire Protection Association
 - Approved for use with chemotherapy and cytotoxic drugs
 - Ideal for inspection, vehicle maintenance, administering drugs and high risk clinical applications



- C. MICROFLEX® INTEGRA™ EC N87**
Nitrile exam grade gloves offer extra strength for the toughest jobs.
- Extra thickness provides added protection
 - Fully textured for enhanced grip
 - Ideal for inspection, food processing, animal care feeding, high risk clinical applications



- D. MICROFLEX® SUPRENO™ EC SEC-375**
Nitrile exam grade gloves with advanced barrier protection.
- Certified by the National Fire Protection Association
 - More than 240 minutes of resistance to fentanyl and gastric acid
 - Approved for use with chemotherapy and cytotoxic drugs



- E. MICROFLEX® UltraSense™ EC USE-880**
Nitrile exam grade gloves with enhanced fingertip sensitivity.
- Textured fingers for secure grip
 - Non-stick properties resist tapes and adhesives
 - Ideal for food processing, sample taking and moderate risk examinations



- F. TouchNTuff® 92-605**
Nitrile industrial grade gloves with enhanced chemical splash protection.
- Silicone-free design for paint and finish process friendly
 - Robust design for superior durability
 - Ideal for food processing, industrial production, sample taking and chemical handling



Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	MICROFLEX®	93-243	Food/Industrial	Nitrile	Blue	4.7 mil	6.3 mil	1.5	16.0"	Fingers	Yes	XS, S, M, L, XL, XXL
B.	MICROFLEX® BLAZE™	N48	Medical/Exam	Nitrile	Hi-Viz™ Orange	5.1 mil	7.9 mil	1.5	10.6"	Fingers	Yes	S, M, L, XL, XXL
C.	MICROFLEX® INTEGRA™ EC	N87	Medical/Exam	Nitrile	Blue	7.8 mil	9.1 mil	1.5	11.6"	Fully	Yes	S, M, L, XL, XXL
D.	MICROFLEX® SUPRENO™ EC	SEC-375	Medical/Exam	Nitrile	Blue- Violet	5.5 mil	8.3 mil	0.65	11.6"	Fingers	Yes	XS, S, M, L, XL, XXL, XXXL
E.	MICROFLEX® UltraSense™ EC	USE-880	Medical/Exam	Nitrile	Dark Blue	3.5 mil	4.7 mil	1.5	11.4"	Fingers	Yes	XS, S, M, L, XL, XXL, XXXL
F.	TouchNTuff®	92-605	Food/Industrial	Nitrile	Green/Teal	4.7 mil	6.2 mil	1.5	11.8"	Fingers	Yes	S, M, L, XL

High Risk

Extended Cuff Gloves, Nitrile & Other Polymers

These high performance, long cuff gloves are specifically engineered to provide expanded user protection at the wrist and forearm. High risk gloves often carry added certifications such as approved for use with chemotherapy drugs (Global) and National Fire Protection Association (NFPA) certification for first responders. High risk gloves will often deliver increased chemical splash protection.



A. **MICROFLEX® 93-260**
 B. **93-260RP**

- Three-layer nitrile and neoprene for superior chemical protection.
- Reliable protection against harsh chemicals including acids, solvents and bases
 - Ultimate barrier integrity tested against fentanyl and gastric acid
 - Ideal for inspection, assembly, painting, transferring liquids and solids
 - **93-260:** Dispenser (50 pcs.)
 - **93-260RP:** Retail Pack (6 pcs.)



C. **MICROFLEX® 93-283**
NEW ★

- Reliable grip when handling wet, oily or fatty foods.
- Thick design to resist tearing for extra product protection
 - Generous fit works well with thermal undergloves
 - Meets FDA food handling requirements
 - Also available in green 93-287



D. **MICROFLEX® 93-287**
NEW ★

- Comfortable, confident grip when handling wet, oily or fatty foods and objects.
- Featuring diamond textured surface for secure grip
 - Thick design to resist tearing for extra product protection
 - Ideal for food processing, cold storage, packaging and maintenance
 - Also available in blue 93-283



MICROFLEX® 93-260 Handling Chemicals

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	MICROFLEX®	93-260	Industrial	Nitrile, Neoprene	Green	7.8 mil	7.9 mil	0.65	11.6"	Fingers	Yes	XS, S, M, L, XL, XXL
B.	MICROFLEX®	93-260RP	Industrial	Nitrile, Neoprene	Green	7.8 mil	7.9 mil	0.65	11.6"	Fingers	Yes	XS, S, M, L, XL, XXL
C.	★ MICROFLEX®	93-283	Food/Industrial	Nitrile	Blue	7.9 mil	8.7 mil	1.50	11.8"	RAISED DIAMOND GRIP PATTERN	Yes	S, M, L, XL, XXL, XXXL
D.	★ MICROFLEX®	93-287	Food/Industrial	Nitrile	Green	7.9 mil	8.7 mil	1.50	11.8"	RAISED DIAMOND GRIP PATTERN	Yes	S, M, L, XL, XXL, XXXL

High Risk

Gloves, Latex & Other Polymers

These high performance, long cuff gloves are specifically engineered to provide expanded user protection at the wrist and forearm. High risk gloves often carry added certifications such as approved for use with chemotherapy drugs (Global) and National Fire Protection Association (NFPA) certification for first responders. High risk gloves will often deliver increased chemical splash protection.



A. MICROFLEX® NeoPro™ EC NEC-288

- Neoprene exam grade gloves with enhanced splash protection and excellent grip.
- Certified by the National Fire Protection Association
 - Approved for use with chemotherapy and cytotoxic drugs
 - Ideal for administering drugs, animal care feeding, testing and high risk clinical applications



B. MICROFLEX® SAFEGRIP™ SG-375

- Thicker latex exam grade gloves to prevent against rips, snags and tears.
- Premium latex provides excellent wet and dry grip
 - Certified by the National Fire Protection Association
 - Ideal for body panel repair, animal care feeding, sample taking and high risk clinical applications



C. MICROFLEX® ULTRA ONE™ UL-315

- Latex exam grade gloves with advanced barrier protection.
- Textured fingers for secure grip
 - Certified by the National Fire Protection Association
 - Ideal for inspection, lab maintenance, transporting raw materials and high risk clinical applications



D. MICROFLEX® DigitSafety HaloKote™ DSK

- Premium latex exam gloves for unpredictable, high risk situations.
- 15-mil thickness at the finger to resist tears and punctures
 - Enhanced chemical splash protection against commonly used chemotherapy drugs
 - Increased range of motion and ultimate comfort



MICROFLEX® SAFEGRIP™ SG-375

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	Finger Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Sizes
A.	Microflex® NeoPro™ EC	NEC-288	Medical/Exam	Neoprene	Green	6.3 mil	8.3 mil	1.5	11.4"	Fingers	Yes	S, M, L, XL, XXL
B.	MICROFLEX® SAFEGRIP™	SG-375	Medical/Exam	Latex	Blue	11.0 mil	14.2 mil	1.5	11.6"	Fingers	Yes	S, M, L, XL
C.	MICROFLEX® ULTRA ONE™	UL-315	Medical/Exam	Latex	Natural	9.8 mil	11.8 mil	1.5	11.8"	Fingers	Yes	S, M, L, XL
D.	MICROFLEX® DigitSafety HaloKote™	DSK	Medical/Food	Latex	Blue/Green	13.0 mil	15.0 mil	1.50	11.8"	Fully	Yes	S, M, L, XL, XXL



**Critical
Environment
Protection
Solutions**



BioClean™ - Serving the Cleanroom Industry since 1990.

Ansell has established a reputation as a supplier of high quality cleanroom products designed for Sterile and Clean applications. Our extensive range of BioClean™ consumable products are in use in more than 80 countries and supported by a team of skilled professionals. BioClean™ cleanroom solutions are designed to meet or exceed the most exacting requirements of controlled and critical environments.

BioClean™ products are at the core of our protection solutions for the Life Sciences industry. They are designed for all of your applications carried out within a controlled environment. Our portfolio includes the largest selection of gloves, goggles, facemasks and garments available from a single supplier. Our global supply chain network positions us to be in total control of the entire manufacturing process, adhering to stringent quality systems, allowing us to meet all ISO and EN regulations. BioClean™ products are processed and packed in our ISO Class 4 or 5 cleanrooms. This means you can be certain that your people, products and processes will all be fully protected.

Gloves, Sterile, Nitrile

Gloves that have been sterilized to eliminate microorganisms and other contaminants. These gloves comply with the requirements for use in aseptic manufacturing environments.



- A. BioClean™ Emerald BENS**
Great resistance to a range of chemicals.
- Hand specific shape ensures wearer comfort and good dexterity
 - Easily double-donned and textured surface for better handling
 - Accelerator-free and latex-free to avoid latex allergies



- B. BioClean™ N-Plus BNPS**
Exceptional comfort with great elbow length protection.
- Hand specific shape ensures wearer comfort and good dexterity
 - Powder-free to reduce the risk of contamination
 - Low AQL for maximum barrier integrity



- C. BioClean™ Nitramax BNMS**
Full arm protection and resistant to a range of chemicals.
- Powder-free to reduce the risk of contamination
 - Shoulder length protection with beaded cuffs
 - Non-particulating EasyTear™ packaging



- D. TouchNTuff® 93-700**
Superior protection and durability without compromising comfort.
- Robust nitrile offers superior chemical splash protection
 - Textured fingertips provide excellent gripping ability
 - Ultra-thin nitrile formulation for flexibility and dexterity



- E. BioClean™ Excell BEXS**
Sterile cleanroom compatible nitrile gloves.
- Chemical resistant gloves that are accelerator, powder and latex free
 - Textured surfaces for secure grip
 - Ideal for use with various chemical and in the healthcare and life sciences industries

Key	Description	Style No.	Cleanroom Class	Polymer	Color	Palm Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Hand Design*	Sizes
A.	BioClean™ Emerald	BENS	Class 10 (ISO 4)	Nitrile	Green	3.9 mil	0.65	12.0"	Hand	Yes	HS	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10.0
B.	BioClean™ N-Plus	BNPS	Class 10 (ISO 4)	Nitrile	White	6.7 mil	0.65	16.0"	Hand	Yes	HS	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10.0
C.	BioClean™ Nitramax	BNMS	Class 10 (ISO 4)	Nitrile	White	5.9 mil	1.50	24"	Hand	Yes	HS	6.5, 7.0, 7.5, 8.0, 8.5, 9.0
D.	TouchNTuff®	93-700	Class 100 (ISO 5)	Nitrile	Green/Teal	5.1 mil	1.50	11.8"	Fingers	Yes	AMB	S, M, L, XL
E.	BioClean™ Excell	BEXS	Class 10 (ISO 4)	Nitrile	White	4.72 mil	1.50	12.0"	Fingers & Palm	Yes	HS	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10.0

*AMB= Ambidextrous, HS= Hand Specific

Gloves, Sterile, Latex

Gloves that have been sterilized to eliminate microorganisms and other contaminants. These gloves comply with the requirements for use in aseptic manufacturing environments.



- A. BioClean™ Extra BLAS**
Flexibility and comfort for prolonged use.
- Powder-free to reduce the risk of contamination
 - Beaded cuff for easy double-donning
 - 16" elbow length protection with textured surface for enhanced grip



- B. BioClean™ Maxima BLLS**
Anatomically shaped and comfortable for prolonged use.
- Powder-free to reduce the risk of contamination
 - Beaded cuff for easy double-donning
 - 24" shoulder length protection



- C. AccuTech® 91-225**
Thick latex glove designed for comfort and improved dexterity.
- Low protein content reduces risk of allergy
 - Hand specific shape ensures wearer comfort and good dexterity
 - Latex provides increased flexibility, elasticity and fingertip sensitivity



- D. BioClean™ Advance BASL**
Sterile cleanroom compatible latex gloves.
- Flexible powder free latex gloves for comfort
 - Designed to be double-donnable with textured surface for secure grip
 - Ideal for use with various chemical and in the healthcare and life sciences industries

Did You Know?

The wearing of a 16" (400mm) length gloves is common to avoid the risks of product contamination associated with exposed skin.

Key	Description	Style No.	Cleanroom Class	Polymer	Color	Palm Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Hand Design*	Sizes
A.	BioClean™ Extra	BLAS	Class 10 (ISO 4)	Latex	Natural	6.7 mil	1.50	16.0"	Hand	Yes	AMB	S, M, L, XL
B.	BioClean™ Maxima	BLLS	Class 10 (ISO 4)	Latex	Natural	7.1 mil	1.50	24.0"	Hand	Yes	HS	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10.0
C.	AccuTech®	91-225	Class 100 (ISO 5)	Latex	Natural	9.1 mil	0.65	11.2"	Fingers	Yes	HS	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0
D.	BioClean™ Advance	BASL	Class 10 (ISO 4)	Latex	Natural	6.69 mil	0.65	12.0"	Fingers & Palm	Yes	HS	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10.0

*AMB= Ambidextrous, HS= Hand Specific

Gloves, Sterile, Other Materials

Gloves that have been sterilized to eliminate microorganisms and other contaminants. These gloves comply with the requirements for use in aseptic manufacturing environments.



- A. BioClean™ Fusion S-BFAP**
Unprecedented comfort with increased tactility.
- Contains no natural latex protein to avoid latex allergies
 - Double-donning and beaded cuff for extra strength
 - Non-particulating EasyTear™ packaging



- B. BioClean™ Ultimate BUPS**
Great tactility and comfort for prolonged use.
- High resistance to a range of chemicals
 - Beaded cuff for easy double-donning
 - Hand specific shape ensures wearer comfort and good dexterity



- C. TouchNTuff® 83-500**
Ultra-soft, comfortable protection for sterile environments.
- Latex-free material to avoid the risk of latex sensitization
 - Second skin feel for longer wear time and reduced hand fatigue
 - Beaded cuff for easy double-donning



- D. TouchNTuff® DERMASHIELD™ 73-701**
Superior protection designed to minimize allergic reactions.
- Excellent puncture resistance and durability
 - Superior chemical splash protection
 - Suitable for use in aseptic environments



- E. TouchNTuff® 73-500**
Unsurpassed combination of sensitivity and durability.
- Thin design for superior tactile sensitivity
 - Broad chemical splash resistance
 - Prevents Type I and Type IV allergies



- F. BioClean™ S-BCRL NEW ★**
Sterile cut resistant glove liner for cleanroom applications.
- Dyneema® Diamond yarn provides cut resistance during rigorous procedures
 - Protects against sharp objects or cleaning apparatus which pose cut risks
 - Optimal dexterity, comfort and fit

Key	Description	Style No.	Cleanroom Class	Polymer	Color	Palm Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Hand Design*	Sizes
A.	BioClean™ Fusion	S-BFAP	Class 10 (ISO 4)	Polychloroprene	Green	3.9 mil	0.65	11.4"	Fingers	Yes	AMB	5.0-5.5, 6.0-6.5, 7.0-7.5, 8.0-8.5, 9.0, 10.0
B.	BioClean™ Ultimate	BUPS	Class 10 (ISO 4)	Polychloroprene	Natural	4.3 mil	0.65	12.0"	Hand	Yes	HS	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0
C.	TouchNTuff®	83-500	Class 100 (ISO 5)	Polyisoprene	White	8.3 mil	0.65	12.0"	Smooth Grip	Yes	HS	5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0
D.	TouchNTuff® DERMASHIELD™	73-701	Class 100 (ISO 5)	Neoprene	Green	7.0 mil	0.65	11.6"	Fingers	Yes	HS	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0
E.	TouchNTuff®	73-500	Class 100 (ISO 5)	Neoprene	Cream	5.0 mil	0.65	11.6"	Smooth Grip	Yes	HS	5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0
F.	★ BioClean™	S-BCRL	Class 10 (ISO 4)	Dyneema®	White	-	-	6.3" - 7.9"	-	Yes	AMB	5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0

*AMB= Ambidextrous, HS= Hand Specific



Non-Sterile

Gloves, Non-Sterile, Nitrile

Gloves designed for use in highly regulated cleanroom environments that require exceptionally low levels of particles and extractables. Cleanroom gloves are manufactured and packaged to specific standards in ISO Certified facilities to comply with cleanroom standards.



A. BioClean™ Biotac BIOTAC

Flexible and comfortable offering good dexterity for prolonged use.

- Enhanced tactile sensitivity especially for delicate procedures
- Latex-free, powder-free and resistant to a range of chemicals
- Non-particulating EasyTear™ packaging



B. BioClean™ Nerva BNAL

Excellent grip with textured surface and elbow length protection.

- Resistant to a range of chemicals
- Designed for easy double-donning
- Non-particulating EasyTear™ packaging



BioClean™ Nerva BNAL



C. Nitrilite™ 93-311

Unprecedented protection with low levels of ionic content and particles.

- Textured fingertips and extended beaded cuff for exceptional grip
- Suitable for cleanroom environments
- Prevents Type I allergies



D. Nitrilite™ 93-401

Reliable protection to use in clean room environments.

- Prevents Type I allergies
- Powder-free, textured fingers and extended beaded cuff for full safety
- Very low levels of ionic content and particulate for excellent product protection



E. TouchNTuff® 93-300

Robust and silicone-free for ultimate product protection.

- Designed to resist punctures and tears
- Superior chemical splash protection
- Affordable and durable without compromising comfort

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Hand Design*	Sizes
A.	BioClean™ Biotac	BIOTAC	Class 100 (ISO 5)	Nitrile	White	4.3 mil	1.50	12.0"	Fingers	Yes	AMB	XS, S, M, L, XL, XXL, XXXL
B.	BioClean™ Nerva	BNAL	Class 10 (ISO 4)	Nitrile	White	3.9 mil	0.65	16.0"	Hand	Yes	AMB	S, M, L, XL, XXL
C.	Nitrilite™	93-311	Class 100 (ISO 5)	Nitrile	Natural	3.9 mil	2.5	11.8"	Fingers	Yes	AMB	XS, S, M, L, XL
D.	Nitrilite™	93-401	Class 10 (ISO 4)	Nitrile	Natural	3.9 mil	1.5	11.8"	Fingers	Yes	AMB	XS, S, M, L, XL, XXL
E.	TouchNTuff®	93-300	Class 100 (ISO 5)	Nitrile	Green/Teal	5.1 mil	1.5	11.8"	Fingers	Yes	AMB	S, M, L, XL, XXL

*AMB= Ambidextrous, HS= Hand Specific



Non-Sterile

Gloves, Non-Sterile, Latex

Gloves designed for use in highly regulated cleanroom environments that require exceptionally low levels of particles and extractables. Cleanroom gloves are manufactured and packaged to specific standards in ISO Certified facilities to comply with cleanroom standards.



- A. BioClean™ Legion BLA3**
 Ultimate comfort, flexibility and elbow length protection.
- Textured surface for enhanced grip
 - Non-particulating EasyTear™ packaging
 - Designed for easy double-donning



- B. AciTek 49-252**
 Cleanroom compatible latex gloves.
- Exceptional flexibility and comfort for extended wear
 - Chlorinated inside and outside for reduced allergy risk
 - Ideal for maintaining lab furniture and equipment and transferring liquids and solids



- C. BioClean™ Legacy BLA2**
 Cleanroom compatible non latex gloves.
- Textured surface for a secure grip
 - Safe to be double donned and the beaded cuff provides strength and stability on the arm
 - Ideal for chemical related uses and the life sciences industry



BioClean™ Legion BLA3 in Pharmaceutical Application

Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Hand Design*	Sizes
A.	BioClean™ Legion	BLA3	Class 100 (ISO 5)	Latex	Natural	6.7 mil	1.5	16.0"	Fingers & Palm	Yes	AMB	S, M, L, XL
B.	AciTek	49-252	Class 100 (ISO 5)	Latex	Orange	20.0 mil	1.5	14.6"	Fingers & Palm	Yes	HS	7, 8, 9, 10
C.	BioClean™ Legacy	BLA2	Class 10 (ISO 4)	Latex	Natural	6.7 mil	0.65	12.0"	Fingers & Palm	Yes	AMB	XS, S, M, L, XL, XXL

*AMB= Ambidextrous, HS= Hand Specific



Non-Sterile

Gloves, Non-Sterile, Other Polymers

Gloves designed for use in highly regulated cleanroom environments that require exceptionally low levels of particles and extractables. Cleanroom gloves are manufactured and packaged to specific standards in ISO Certified facilities to comply with cleanroom standards.



A. BioClean™ Fusion BFAP

Amazing tactility and protection from a range of chemicals.

- Comfortable and thin to reduce wearer fatigue
- Non-particulating EasyTear™ packaging
- Beaded cuff for strength and stability on the arm



B. MICROFLEX® 93-360 NEW ★

Superior protection against harsh chemicals including acids, solvents and bases.

- Thin mil construction provides enhanced tactility and dexterity
- Easy donning interior provides a dry and comfortable feel in a two layer glove
- Non-particulating EasyTear™ packaging



C. TouchNTuff® 73-300

Excellent protection against broad chemical splash.

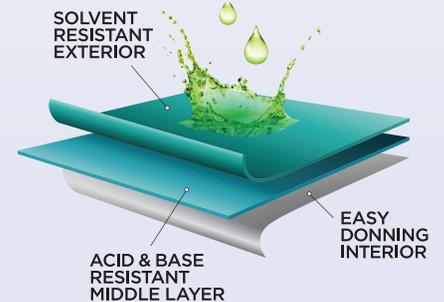
- Thin design for superior tactile sensitivity
- Beaded cuff for strength and stability on the arm
- Prevents Type I and Type IV allergies



MICROFLEX® 93-360 in Autoclave Application

MICROFLEX® 93-360 3 LAYER DESIGN

NITRILE + NEOPRENE THREE LAYER DESIGN FOR OPTIMAL PROTECTION



Key	Description	Style No.	Glove Grade	Polymer	Color	Palm Thickness	AQL	Glove Length	Textured Area	Powder Free Y/N	Hand Design*	Sizes
A.	BioClean™ Fusion	BFAP	Class 10 (ISO 4)	Polychloroprene	Green	3.9 mil	0.65	12.0"	Fingers	Yes	AMB	XS, S, M, L, XL, XXL
B.	★ MICROFLEX®	93-360	Class 1000 (ISO 6)	Nitrile/Neoprene	Blue/Green	7.9 mil	0.65	11.8"	Fingers	Yes	AMB	XS, S, M, L, XL, XXL
C.	TouchNTuff®	73-300	Class 100 (ISO 5)	Neoprene	Cream	5.0 mil	0.65	11.6"	Smooth Grip	Yes	HS	5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0

*AMB= Ambidextrous, HS= Hand Specific



Sterile

BioClean-D™ garments are all manufactured using our BioClean-D™ CleanTough™ white fabric which is spunbonded, non-woven polypropylene, laminated with a film of polyethylene.

Clothing; Sterile, Garments & Coveralls

BioClean-D™ Garments and coveralls are designed for use in environments regulated for exceptionally low levels of particles and extractables. All products are manufactured and packaged to specific standards in ISO Certified facilities to comply with cleanroom standards.



A. BioClean-D™ S-BDSH

Sterile antistatic disposable garment for true aseptic donning.

- Foot-loop to aid smooth closure of zip
- Thumb loops to ensure a secure hold
- Low-linting CleanTough™ material for ultimate comfort



B. BioClean-D™ S-BDFC

Exceptional comfort and head-to-toe coverall protection.

- Integrated boots offer slip-resistant soles
- Lightweight and low-linting CleanTough™ material
- Thumb loops to ensure a secure hold



C. BioClean-D™ S-BDCCT

Sterile antistatic disposable coverall against a range of chemicals.

- Thumb loops to ensure a secure hold
- Elasticated back, cuffs and ankles for better movement
- Front zip with protective flap offers better safety

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
S-BDSH	S-BDSH-##	Bound seams, elasticated back/cuffs/ankles/ face opening, thumb/foot loops, front zip, integrated hood
S-BDFC	S-BDFC-##	Bound seams, elasticated back/face opening/cuffs/ankles, thumb loops, front zip with flap, integrated hood & slip-resistant boots
S-BDCCT	S-BDCCT-##	Bound seams, elasticated back/cuffs/ankles, thumb loops, front zip with flap, collar

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No.	Cleanroom Class	Garment Type	Fabric	Configuration	Seams	Color	Case Quantity	Sizes
A	BioClean-D™ Drop-down Garment	S-BDSH	S-BDSH-##	Class 10 (ISO 4)	Drop-Down Garment	CleanTough™, Low Lint, Anti-Static	Hooded	Bound	White	XS - XXL = 20 pcs, XXXL - 8XL = 15 pcs	XS - 8XL
B	BioClean-D™ Coverall with Hood & Integrated Boots	S-BDFC	S-BDFC-##	Class 10 (ISO 4)	Coverall	CleanTough™, Low Lint, Anti-Static	Hood/Boot	Bound	White	XS - XXL = 20 pcs, XXXL - XXXXL = 15 pcs	XS - 4XL
C	BioClean-D™ Coverall with Collar	S-BDCCT	S-BDCCT-##	Class 10 (ISO 4)	Coverall	CleanTough™, Low Lint, Anti-Static	Collar	Bound	White	S - XXL = 20 pcs, XXXL - 7XL = 15 pcs	S - 7XL

#Size Codes: XS, S, M, L, XL, XXL, XXXL, XXXXL, 5XL, 6XL, 7XL, 8XL i.e. S-BDSH-XS



Sterile & Non-Sterile

Face & Eye Protection; Sterile & Non-Sterile

Face protection for cleanroom applications, including facemasks, veils and goggles, providing solutions that balance performance and comfort.



- A. BioClean™ BDBS-G**
Sterile pouch-style facemask with neck guard construction.
- Large breathing chamber with fully enclosed malleable nose-band
 - Ultrasonically sealed edges provide better coverage
 - Spandex head loop reduces risk of cross-contamination



- B. BioClean™ MEA210-1**
Sterile looped facemask for cleanroom environments.
- Latex-free with loops and clip connectors for secure fastening
 - Plastic coated steel nose band for added face protection
 - High bacterial, viral and particle efficiency filtration



- C. BioClean™ MTA210-1**
Sterile tie-on facemask for quick and easy fastening.
- Latex-free with fully enclosed nose-band
 - Ultrasonically sealed edges provide better coverage
 - Polyester tie straps for easy access



- D. BioClean™ BCGS1**
Sterile disposable goggles made from lightweight PVC.
- Indirect ventilation system reduces risk of contamination
 - Latex-free, non-linting head band
 - Anti-fog and anti-scratch lens



- E. BioClean™ BCAG**
Non-sterile goggles made from thermoplastic rubber.
- Upper vents and lower indirect ventilation system
 - Anti-fog and anti-scratch lens
 - Latex-free silicone head band



- F. BioClean™ BCAP**
Non-sterile panoramic goggles for increased field of vision.
- Thermoplastic rubber frame with extra depth
 - Upper vents and lower indirect ventilation system
 - Anti-fog and anti-scratch lens

Key	Description	Style No.	Cleanroom Class	Face Protection Type	Configuration	Construction	Case Quantity
A.	BioClean™	BDBS-G	Class 10 (ISO 4)	Face Mask	Pouch Style	Polyester, spandex head loops, plastic coated steel nose band, sealed edges, extra long neck guard	200 pieces/case, 1 mask/bag, 20 bags/inner pack, 10 inner packs/case
B.	BioClean™	MEA210-1	Class 10 (ISO 4)	Face Mask	Standard	Polyester/polypropylene/polyethylene, loop & clip, plastic coated steel nose band, sealed edges	600 pieces/case, 1 mask/bag, 50 bags/inner pack, 12 inner packs/case
C.	BioClean™	MTA210-1	Class 10 (ISO 4)	Face Mask	Standard	Polyester/polypropylene /polyethylene ties, plastic coated steel nose band, sealed edges	500 pieces/case, 1 mask/bag, 50 bags/inner pack, 10 inner packs/case
D.	BioClean™	BCGS1	Class 10 (ISO 4)	Goggles	Single Use	Ultra-soft PVC frame, polycarbonate anti-fog & anti-scratch optically correct lens, latex-free silicone head band	60 pieces/case, 1 goggle/bag, 10 bags/inner pack, 6 inner packs/case
E.	BioClean™	BCAG	Class 10 (ISO 4)	Goggles	Autoclavable	Thermoplastic rubber frame, polycarbonate anti-scratch & anti-fog optically correct lens, latex-free silicone head band	1 goggle/bag, 12 bags/case
F.	BioClean™	BCAP	Class 10 (ISO 4)	Goggles	Autoclavable Panoramic	Thermoplastic rubber frame, polycarbonate anti-scratch & anti-fog optically correct lens, latex-free silicone head band	1 goggle/bag, 12 bags/case

Chemical Protection Glove Solutions





Chemical Gloves – Ansell has you covered.

Ansell has the products and services that help protect workers against chemical exposure risks. Our industry leading chemical protection portfolio, combined with our proprietary AnsellGUARDIAN® safety management solutions, makes Ansell the only choice for your chemical protection needs.

UNDERSTANDING THE EN ISO 374 REGULATIONS. FOR DANGEROUS CHEMICALS AND MICRO ORGANISMS.

EN ISO 374



UVWXYZ

OVERVIEW:

The industry recognized standard for chemical and micro-organism protection was recently updated for the first time in ten years. EN ISO 374 for chemical protection was published in November 2016 as the latest recognized standard. The older standard expired at that time so any new glove stated as EN ISO 374 compliant must meet the testing protocol. Existing products must be recertified to meet this chemical protection requirements covering permeation and degradation over a period of time.

MARKS & REQUIREMENTS

Chemical and disposable gloves must comply with EN ISO 374 standards.

- A new three tiered system was developed to report chemical performance against a specific number of chemicals.
- The performance rating is stated with a pictogram icon and a text mark above each icon that describes its performance rating. See the marks and icons below for reference.
- Degradation testing has been standardized and performance data must be made available from glove manufacturer.

EN ISO 374-1/Type C



At least Level 1 performance (more than 10 minutes) against at least one chemical on the list

EN ISO 374-1/Type B



XYZ

At least Level 2 performance (more than 30 minutes) against at least three chemicals on the list

EN ISO 374-1/Type A



UVWXYZ

At least Level 2 performance (more than 30 minutes) against at least six chemicals on the list



Note: The beaker icon (low chemical resistance/waterproof) has been eliminated to avoid confusion.

For additional information on ANSI and EN Regulations visit www.ansell.com/regulatory-compliance.

**SIMPLER
IS SMARTER.
SMARTER IS
SAFER.**

AlphaTec®



PRODUCT CONSOLIDATION & BRAND TRANSITIONS

Our refined portfolio reflects a deep understanding of workplace needs and provides comprehensive protection solutions. In this process, some styles will be rationalized, many will migrate to AlphaTec® and a few of these will be co-branded for a smooth transition period. Here is an overview of the new product line logic and the brand transition.

Chemical
Brand

AlphaTec®

AlphaTec®

CO-BRANDS

The brands below will be rebranded to AlphaTec®

The brands below will be co-branded and will appear on the product next to AlphaTec®

Retain equity in existing product brands during the transition

TRANSITION PATHWAY

TRANSITION PATHWAY

Product
Categories

HAND PROTECTION AND BODY PROTECTION

HAND PROTECTION AND BODY PROTECTION

Transition Brands

Astroflex™
Barrier®
Black Heavyweight™
Chemi-Pro®
ChemTek™
Emperor™
G12
G26

Gladiator®
Hy-Care®
Multiplus
Neoprene®
Omni®
Orange Heavyweight
PVA®
Scorpio®

Sol-Knit®
Snorkel™
Suregrip™
Technicians
VersaTouch®
MICROCHEM™
by AlphaTec®

Solvex®
TRELLCHEM®

➔ For further information regarding the AlphaTec® Brand transition pathway please visit our Feel Equipped campaign page and click on the AlphaTec® tab

To learn more visit www.ansell.com/feeleequipped

Ansell

Industrial Applications

Gloves, Natural Rubber Latex

With great flexibility and good resistance to many acids and alcohols, Ansell's natural rubber latex gloves make a comfortable choice for chemical and liquid protection. Compare gloves using this information to determine which rubber latex glove works best for you.



A. AlphaTec® 62-400

- Strong and flexible glove for a range of chemical protection needs
- Durable, heavy duty glove to ensure worker safety
- Soft knit cotton liner keep hands and fingers comfortable in hot or cold environments
- Stays flexible even in cold temperatures, as low as -25°F
- A2 ANSI/ISEA 2016 Cut Rating for enhanced cut protection



B. AlphaTec® 62-401

- Robust glove with 100% cotton lining for maximum comfort
- Heavy duty glove with strong grip for wet or dry use
- Ergonomic fit designed to provide maximum comfort
- Compliant with FDA food handling requirements
- A2 ANSI/ISEA 2016 Cut Rating for enhanced cut protection



C. AlphaTec® 87-029

- Seamless nylon liner for greater flexibility and enhanced dexterity
- Rough texture provides superior grip in both wet and dry environments
- Lightweight natural rubber material for high flexibility
- Anatomical shape and curved fingers provide better fit and comfort



D. AlphaTec® 87-085

- Robust natural rubber gloves with excellent comfort and high flexibility
- Beaded cuffs for ease of use with added tear resistance
- Natural rubber provides comfort and flexibility
- Compliant with FDA food handling requirements

Key	Description	Style No.	EN 374 Type	ANSI/ ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Approved	Sizes
A.	AlphaTec®	62-400	C	4	Blue	Crinkle	Lined - Knit	Pinked	40 mil	12"		S (8), M (9), L (10), XL (11)
B.	AlphaTec®	62-401	A	3	Blue	Crinkle	Cotton Jersey	Guantlet	54 mil	13"		XS (7), S (8), M (9), L (10), XL (11)
C.	AlphaTec®	87-029	A	3	Blue	Crinkle	Polyamide	Gauntlet	50 mil	12"		XXS (6), XS (7), S (8), M (9), L (10), XL (11)
D.	AlphaTec®	87-085	B	2	Pink	Pebble	Flock Lined	Beaded	17 mil	12"		6.5, 7.5, 8.5, 9.5*

*Available ONLY in half sizes

Industrial Applications

Gloves, Natural Rubber Latex

With great flexibility and good resistance to many acids and alcohols, Ansell's natural rubber latex gloves make a comfortable choice for chemical and liquid protection. Compare gloves using this information to determine which rubber latex glove works best for you.



- A. | AlphaTec® 87-089**
 Superior strength for maximum chemical protection
- Beaded cuffs for ease of use
 - Good tear and abrasion resistance
 - Compliant with FDA food handling requirements



- B. | AlphaTec® Heavyweight 87-104**
 High flexibility with superior protection for better worker experience
- High elasticity provides flexibility and improves worker comfort
 - Rolled beaded cuff style offers protection for the forearm
 - Suitable for use when heavy duty protection is required



- C. | AlphaTec® Heavyweight 87-105**
D. | AlphaTec® Heavyweight 87-108
- Enhanced chemical protection with high flexibility for heavy duty use
- Rolled edge cuffs provides extra protection against leaks when working in wet environments or chemicals
 - Good flexibility prevents tears and keeps workers safe from liquid chemicals
 - Increased protection with 59mil thickness
 - **87-105:** 17" length
 - **87-108:** 24" length

Did You Know?

*Research indicates that around 8 in 10 chemical glove wearers have problems with hand sweat, poor grip, and poor fit when wearing chemical gloves.

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	87-089	B	2	Yellow	Fishscale	Flock Lined	Beaded	17 mil	12"		6.5, 7.5, 8.5, 9.5**
B.	AlphaTec® Heavyweight	87-104	A	3	Black	Smooth	Unlined	Beaded	47 mil	17"		9.5, 10.5*
C.	AlphaTec® Heavyweight	87-105	A	3	Black	Smooth	Unlined	Beaded	59 mil	17"		7.5, 8.5, 9.5, 10.5**
D.	AlphaTec® Heavyweight	87-108	A	3	Black	Smooth	Unlined	Beaded	59 mil	24"		7.5, 8.5, 9.5, 10.5**

*Source: Ansell Market Research 2015
 **Available ONLY in half size

Industrial Applications

Gloves, Natural Rubber Latex

With great flexibility and good resistance to many acids and alcohols, Ansell's natural rubber latex gloves make a comfortable choice for chemical and liquid protection. Compare gloves using this information to determine which rubber latex glove works best for you.



A. AlphaTec® 87-118

Unparalleled protection with exceptional grip for enhanced worker comfort

- 100% cotton lining reduces hand sweat for better comfort
- Case-hardened for increased protection against chemical and mechanical abrasions
- Ideal for use in food handling applications



B. AlphaTec® 87-137

Superior grip with enhanced chemical protection

- Better glove strength and dexterity with 15 mil thickness
- Raised diamond finish provides enhanced dry grip for palm and fingers
- Ideal for use in food handling applications and sanitization purposes



C. AlphaTec® 87-155

High dexterity for enhanced precision at work

- Textured finish for enhanced grip
- Pinked cuff provides ease of donning and glove removal
- Glove dipped in chlorine solution to minimize allergies
- Food compliant and ideal for cleaning and sanitization purposes



D. AlphaTec® 87-198

Unrivalled dexterity for optimum protection

- Special wax treatment provides water repelling properties
- Puncture and cut resistance for increased protection
- Silicone-free glove reduces silicone contamination and help to maintain product quality
- Ideal for cleaning and sanitization

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	87-118	A	3	Black	Lozenge	Flock Lined	Beaded	30 mil	13"	☑	6.5, 7.5, 8.5, 9.5, 10.5*
B.	AlphaTec®	87-137	B	3	Natural	Raised Diamond	Unlined	Beaded	15 mil	13"	☑	6.5, 7.5, 8.5, 9.5*
C.	AlphaTec®	87-155	C	3	Sky Blue	Fishscale	Flock Lined	Pinked	17 mil	12"	☑	XS (7), S (8), M (9), L (10)
D.	AlphaTec®	87-198	C	2	Yellow	Fishscale	Flock Lined	Pinked	17 mil	12"		XS (7), S (8), M (9), L (10)

*Available ONLY in half sizes

Industrial Applications

Gloves, Natural Rubber Latex

With great flexibility and good resistance to many acids and alcohols, Ansell's natural rubber latex gloves make a comfortable choice for chemical and liquid protection. Compare gloves using this information to determine which rubber latex glove works best for you.



- A. | AlphaTec® 87-208**
Excellent chemical protection with great grip
- 29 mil thickness provides added protection, ideal for use against chemical, physical and biological hazards like viruses and micro-organisms
 - Diamond surface texture provides superior grip in wet or dry environments
 - Ideal for use in food handling applications



- B. | AlphaTec® 87-297**
Superior strength and sensitivity for added safety
- Increased protection against wide range of chemicals to reduce injuries and contamination
 - Improved grip when working with both dry and wet objects
 - Pinked cuffs provide ease of donning and glove removal



- C. | AlphaTec® 87-298**
Superb comfort enables improved worker productivity
- High flexibility provides more freedom of movement for workers
 - Exceptionally durable with good resistance to many liquids and chemicals
 - Enhanced grip suitable for use in wet or dry environments



- D. | AlphaTec® 87-320**
Lightweight, supreme quality for ultimate comfort
- High resistance to water-based chemicals
 - Flexible for increased comfort
 - Excellent resistance to abrasion for extra protection

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	87-208	A	3	Orange	Recessed Diamond	Flock Lined	Pinked	29 mil	13"		XS (7), S (8), M (9), L (10), XL (11)
B.	AlphaTec®	87-297	C	3	Yellow	Pebble	Flock Lined	Pinked	20 mil	12"		S (7), M (8), 9 (L), XL(10)
C.	AlphaTec®	87-298	C	3	Yellow	Fishscale	Flock Lined	Pinked	20 mil	12"		XS (7), S (8), M (9), L (10)
D.	AlphaTec®	87-320	B	2	Orange	Reverse Lozenge	Flock Lined	Beaded	17 mil	12"		6.5, 7.5, 8.5, 9.5*

*Available ONLY in half sizes

Industrial Applications

Gloves, Natural Rubber Latex

With great flexibility and good resistance to many acids and alcohols, Ansell's natural rubber latex gloves make a comfortable choice for chemical and liquid protection. Compare gloves using this information to determine which rubber latex glove works best for you.



A. AlphaTec® 87-370

- Better comfort with extra protection
- Tear resistance for added shield against water-based chemicals
 - Excellent grip when working in damp environments
 - Hardened surface with chlorination to reduce friction against chemical and mechanical resistance



B. AlphaTec® 88-343

- Superior comfort and high dexterity
- Unlined for ease of donning and glove removal
 - Extra thickness for protection against chemical, puncture and abrasion
 - Compliant with FDA food handling requirements

Did You Know?

*Latex, also known as rubber or natural latex, is derived from the milky sap of the rubber tree. Latex can be found in many household, industrial and medical products.



C. AlphaTec® 88-356

- High dexterity and protection for food handling applications
- Light duty glove with good chemical resistance
 - Excellent snag, puncture and abrasion protection
 - FDA-compliant and ideal for sanitization purposes
 - Vend offering available

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	87-370	B	2	Orange	Rough	Flock Lined	Beaded	27 mil	13"		6.5, 7.5, 8.5, 9.5**
B.	AlphaTec®	88-343	B	3	Amber	Diamond Embossed	Unlined	Beaded	20 mil	12"		XS (7), S (8), M (9), L (10)
C.	AlphaTec®	88-356	B	3	Blue	Fishscale	Unlined	Pinked	17 mil	12"		XS (7), S (8), M (9), L (10), XL (11)

*Source: WebMD, 2018

**Available ONLY in half size

Industrial Applications

Gloves, Natural Rubber Latex

With great flexibility and good resistance to many acids and alcohols, Ansell's natural rubber latex gloves make a comfortable choice for chemical and liquid protection. Compare gloves using this information to determine which rubber latex glove works best for you.



- A. | AlphaTec® 88-392**
- Good grip with high durability
- Elasticity and superior tensile strength improves worker productivity
 - Extra thickness provides heat protection and abrasion resistance
 - Silicone and powder free to eliminate contamination



- B. | AlphaTec® 88-393**
- Superior flexibility for improved worker performance
- High flexibility for added comfort and ease of use
 - Extra thickness for high protection against various chemical hazards
 - Outstanding fingertip sensitivity with 17 mils thickness



- C. | AlphaTec® 88-394**
- Improve efficiency with excellent dexterity and greater protection
- Additional thickness for better chemical, snag, puncture and abrasion resistance
 - Exceptional grip, ideal for use in wet or dry environments
 - Compliant with FDA food handling requirements

Did You Know?

*Half of chemical glove wearers need protection from both immersion and incidental chemical exposure.

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	88-392	C	3	Natural	Pebble	Unlined	Pinked	20 mil	12"		XXS (6), XS (7), S (8), M (9), L (10), XL (11)**
B.	AlphaTec®	88-393	B	3	Natural	Fishscale	Unlined	Pinked	17 mil	12"		XS (7), S (8), M (9), L (10)
C.	AlphaTec®	88-394	C	3	Natural	Fishscale	Unlined	Pinked	20 mil	12"		XS (7), S (8), M (9), L (10)

*Source: Ansell Market Research 2015
 **Available ONLY in half size

Industrial Applications

Gloves, Natural Rubber Latex / Neoprene Blend

Neoprene resists a broad range of oils, acids, caustics and solvents, but is less resistant to snags, punctures, abrasions and cuts than nitrile or natural rubber. The information below describes the characteristics of our neoprene gloves, making it easy to find the right choice for your application.



- A. | AlphaTec® 87-224**
Durable chemical protection for demanding applications
- Increased protection against a wide range of chemicals
 - Diamond pattern grip for wet or dry environments
 - Thick liner delivers durable protection against physical hazards as well as micro-organisms
 - Vend offering available



- B. | AlphaTec® 87-276**
Supreme comfort for better productivity
- 100% cotton lining provides increased comfort
 - Suitable for use on wet and dry surfaces with added grip
 - Increase protection to reduce contamination and ensure worker safety

Did You Know?

*In 1929, Arnold Collins developed polychloroprene rubber, now known as Neoprene, which was commercialized in 1933. Several American rubber companies also began to develop copolymer rubbers of their own, such as Goodyear's Chemigum and BF Goodrich's Ameripol. Standard Oil (now ExxonMobil), meanwhile, developed butyl rubber in 1937.



- C. | AlphaTec® 88-390T**
Supreme strength to withstand and protect from chemical hazards
- Increased grip for use in wet or dry environments
 - Optimal durability provides all round protection and improved productivity
 - Ideal for mid-level applications and sanitization

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	87-224	A	3	Blue Over Yellow	Diamond Embossed	Flock Lined	Pinked	27 mil	13"		XS (7), S (8), M (9), L (10)
B.	AlphaTec®	87-276	B	3	Green	Pebble Embossed	Flock Lined	Pinked	20 mil	12"		XS (7), S (8), M (9), L (10)
C.	AlphaTec®	88-390T	C	3	Natural	Pebble Embossed	Unlined	Pinked	13 mil	12"		XS (7), S (8), M (9), L (10), XL (11)

*Source: ICIS.com 2008

Industrial Applications

Gloves, Nitrile

Along with good protection against bases, oils, many solvents, greases and animal fats, our nitrile gloves also offer excellent resistance to snags and punctures, abrasions and cuts for a thin polymer glove. Compare gloves using this information to determine which glove works best for you.



- A. AlphaTec® 58-128**
 Minimize injuries and maximize performance
- ERGOFORM™ Technology reduces hand fatigue and discomfort
 - Thin nitrile formulation improves grip, comfort and dexterity
 - Conforms to the shape of hand to enable natural movements

ANSELL GRIP™
ERGOFORM™



- B. AlphaTec® 58-330**
 Moisture management improves worker productivity and performance
- Lozenge palm finish improves grip in dry or wet environments
 - Foldable cuff gutter prevents dripping on the forearm
 - FDA compliant with superb abrasion resistance
 - Vend offering available

AQUADRI™



- C. AlphaTec® 58-335**
 Moisture management for enhanced comfort and performance
- Keep hands comfortable and dry for longer periods of time
 - Foldable cuff gutter prevents dripping on the forearm
 - FDA compliant with superior snag, puncture and abrasion protection
 - Vend offering available

AQUADRI™



- D. AlphaTec® 58-430**
 Reduce hand fatigue and maximize worker efficiency
- ANSELL GRIP™ Technology provides optimal control and confidence when dealing with oily or wet objects
 - Prevents exposure to bases, oils, fuels, solvents, greases and animal fats
 - Compliant with FDA food handling requirements

ANSELL GRIP™

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	58-128	A	3	Anthracite; Green	ANSELL GRIP™	Nylon	Gauntlet	7 mil	11"		XS (7), S (8), M (9), L (10), XL (11)
B.	AlphaTec®	58-330	A	5	Sea Green	LOZENGE	AQUADRI™	Gauntlet	26 mil	12"		XS (7), S (8), M (9), L (10), XL (11)
C.	AlphaTec®	58-335	A	6	Glass Green	LOZENGE	AQUADRI™	Gauntlet	31 mil	15"		XS (7), S (8), M (9), L (10), XL (11)
D.	AlphaTec®	58-430	A	5	Sea Green/ Gray	ANSELL GRIP™	Cotton Flocked	Gauntlet	12 mil	12"		XS (7), S (8), M (9), L (10), XL (11)

Industrial Applications

Gloves, Nitrile

Along with good protection against bases, oils, many solvents, greases and animal fats, our nitrile gloves also offer excellent resistance to snags and punctures, abrasions and cuts for a thin polymer glove. Compare gloves using this information to determine which glove works best for you.



- A. AlphaTec® 58-435**
High dexterity in wet or oily work environments.
- Heavy duty shell for superior snag, puncture and abrasion resistance
 - Enhanced grip reduces hand and arm fatigue
 - FDA-compliant with protection against various chemical hazards
 - Vend offering available

ANSELL GRIP™



- B. AlphaTec® 58-530B**
C. AlphaTec® 58-535B
- Unrivaled versatility for hot, cold and chemical applications
- Provides excellent chemical protection against acids, bases, oils, fuels, some solvents and greases
 - ANSELL GRIP™ Technology for optimal control when handling wet or oily objects
 - Intermittent heat protection up to 212°F
 - **58-535B** Vend offering available
 - **58-530B:** 12" length
 - **58-535B:** 14" length

ANSELL GRIP™



- D. AlphaTec® 58-735**
- Advanced chemical protection with high level cut performance
- Excellent cut resistance protects against lacerations
 - Dry and wet grip reduces hand and arm fatigue
 - Yellow Hi-Viz™ cut liner and nitrile shell improves dexterity and tactility
 - A3 ANSI/ISEA 2016 Cut Rating for enhanced cut protection

ANSELL GRIP™

INTERCEPT™

Did You Know?

*In a survey of chemical glove wearers, more than 39% indicated they replace their gloves because they are too uncomfortable and don't offer enough grip or dexterity.

Key	Description	Style No.	EN 374 Type	ANSI/ ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	58-435	A	5	Glass Green/ Gray	ANSELL GRIP™	Cotton Flocked	Gauntlet	18 mil	15"		XS (7), S (8), M (9), L (10), XL (11)
B.	AlphaTec®	58-530B	A	5	Sea Green/ Gray	ANSELL GRIP™	Acrylic	Gauntlet	13 mil	12"		XS (7), S (8), M (9), L (10), XL (11)
C.	AlphaTec®	58-535B	A	5	Sea Green/ Gray	ANSELL GRIP™	Acrylic	Gauntlet	13 mil	14"		XS (7), S (8), M (9), L (10), XL (11)
D.	AlphaTec®	58-735	A	6	Glass Green	ANSELL GRIP™	INTERCEPT™	Gauntlet	39 mil	14"		XXS (6), XS (7), S (8), M (9), L (10), XL (11)

*Source: Ansell Market Research 2015

Industrial Applications

Gloves, Nitrile

Along with good protection against bases, oils, many solvents, greases and animal fats, our nitrile gloves also offer excellent resistance to snags and punctures, abrasions and cuts for a thin polymer glove. Compare gloves using this information to determine which glove works best for you.



- A. | AlphaTec® Solvex® 37-145**
Great comfort and protection across a range of applications
- Durable and comfortable with unmatched abrasion resistance
 - Sandpatch finish gives this glove a smooth surface
 - FDA Compliant and exceptional protection making it ideal for sanitation
 - Vend offering available



- B. | AlphaTec® Solvex® 37-155**
Tactile and durable protection across a range of applications
- Chemical resistance and strength in dry or wet environments
 - Superb comfort with abrasion resistance
 - FDA Compliant and exceptional protection making it ideal for sanitation
 - Vend offering available



- C. | AlphaTec® Solvex® 37-165**
Excellent and versatile protection against chemical hazards
- No inner cotton flocking reduces risk of lint contamination
 - Superior puncture and abrasion protection for long-lasting durability
 - Outstanding chemical resistance makes it ideal for sanitation
 - Compliant with FDA food handling requirements



- D. | AlphaTec® Solvex® 37-175**
Versatile chemical protection across a range of applications
- Rugged chemical resistance against a variety of chemical hazards
 - Superior snag, puncture and abrasion resistance
 - Ideal for use against chemical, physical and biological hazards like viruses and micro-organisms
 - Vend offering available

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec® Solvex®	37-145	A	4	Green	Sandpatch	Unlined	Straight	11 mil	13"		XXS (6), XS (7), S (8), M (9), L (10), XL (11)
B.	AlphaTec® Solvex®	37-155	A	4	Green	Sandpatch	Unlined	Straight	15 mil	13"		XS (7), S (8), M (9), L (10), XL (11)
C.	AlphaTec® Solvex®	37-165	A	5	Green	Sandpatch	Unlined	Straight	22 mil	15"		XS (7), S (8), M (9), L (10), XL (11)
D.	AlphaTec® Solvex®	37-175	A	4	Green	Sandpatch	Flock Lined	Straight	15 mil	13"		XXS (6), XS (7), S (8), M (9), L (10), XL (11)

Industrial Applications

Gloves, Nitrile

Along with good protection against bases, oils, many solvents, greases and animal fats, our nitrile gloves also offer excellent resistance to snags and punctures, abrasions and cuts for a thin polymer glove. Compare gloves using this information to determine which glove works best for you.



A. AlphaTec® Solvex® 37-185

- Strong chemical resistance up to the top of the elbow
- High performance nitrile is ideal for clean production areas
 - Smooth surface with snag, puncture and abrasion resistance
 - FDA Compliant and exceptional protection making it ideal for sanitation
 - Vend offering available



B. AlphaTec® Solvex® 37-676

- High performance material for various chemical hazards
- Rugged chemical resistance for wet or dry work environments
 - Latex-free formulation reduces risk of Type I allergies
 - Ideal for use against chemical, physical and biological hazards like viruses and micro-organisms
 - Vend offering available



AlphaTec® Solvex® 37-185
Food Processing Application

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec® Solvex®	37-185	A	5	Green	Sandpatch	Unlined	Straight	22 mil	18"		XS (7), S (8), M (9), L (10), XL (11)
B.	AlphaTec® Solvex®	37-676	A	4	Green	Reverse Lozenge	Unlined	Gauntlet	15 mil	13"		XS (7), S (8), M (9), L (10), XL (11)

*Available ONLY in half sizes

Industrial Applications

Gloves, Nitrile

Along with good protection against bases, oils, many solvents, greases and animal fats, our nitrile gloves also offer excellent resistance to snags and punctures, abrasions and cuts for a thin polymer glove. Compare gloves using this information to determine which glove works best for you.



- A. **AlphaTec® 37-300 NEW ★**
- B. **AlphaTec® 37-310 NEW ★**
- C. **AlphaTec® 37-320 NEW ★**
 - All-day comfort at exceptional value
 - Nitrile protects against light acids, greases, oils and liquids
 - FDA Compliant and exceptional protection making it ideal for sanitation
 - Latex-free formulation reduces risk of Type I allergies
 - **37-300:** Green color
 - **37-310:** Blue color
 - **37-320:** Yellow color



- D. **AlphaTec® 37-501**
 - Improved ventilation to keep hands dry and enhance comfort
 - Optimal protection with excellent chemical resistance
 - Keep hands dry and cool with open cuff design for better ventilation
 - Excellent resistance to various solvents and oil-based chemicals

Did You Know?

*Nitrile rubber, like styrene-butadiene rubber and other synthetic elastomers (elastic polymers), was a product of research that took place during and between the two world wars. Given the name Buna N, patented in 1934 by German chemists Erich Konrad and Eduard Tschunkur, working for IG Farben. Buna N was produced in the United States during World War II as GR-N (Government Rubber-Nitrile), and subsequently the group of acrylonitrile-butadiene elastomers became known as nitrile rubber.

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	★ AlphaTec®	37-300	B	3	Green	Reversed Lozenge	Unlined	Gauntlet	8 mil	12.2"	☞	XS (7), S (8), M (9), L (10), XL (11)
B.	★ AlphaTec®	37-310	B	3	Blue	Reversed Lozenge	Unlined	Gauntlet	8mil	12.2"	☞	XS (7), S (8), M (9), L (10), XL (11)
C.	★ AlphaTec®	37-320	B	3	Yellow	Reversed Lozenge	Unlined	Gauntlet	8 mil	12.2"	☞	XS (7), S (8), M (9), L (10), XL (11)
D.	AlphaTec®	37-501	A	4	Blue	Raised Diamond	Cotton Flocking	Gauntlet	17 mil	13"	☞	6.5, 7.5, 8.5, 9.5, 10.5**

*Source: Britannica.com 2020
 **Available ONLY in half size

Industrial Applications

Gloves, Nitrile

Along with good protection against bases, oils, many solvents, greases and animal fats, our nitrile gloves also offer excellent resistance to snags and punctures, abrasions and cuts for a thin polymer glove. Compare gloves using this information to determine which glove works best for you.



- A. AlphaTec® 37-510**
Great grip even in wet or cold environments
- High performance nitrile improves dexterity for food handling
 - Raised diamond grip pattern for wet or cold work areas
 - Latex-free formulation reduces risk of Type I allergies
 - Vend offering available



- B. AlphaTec® 37-646**
High performance material with enhanced grip properties
- Unmatched grip and protection in wet or cold work environments
 - Unflocked to prevent risk of food contamination
 - Latex-free formulation reduces risk of Type I allergies
 - Vend offering available



- C. AlphaTec® 39-122**
D. AlphaTec® 39-124
- Superior strength and durability to boost worker performance
- Reduces hand fatigue and increases worker comfort
 - Superior grip contributes to overall productivity and wearer safety
 - Compliant with FDA food handling requirements
 - Latex-free
 - **39-122:** 12" length
 - **39-124:** 14" length

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	37-510	B	4	Blue	Raised Diamond	Unlined	Straight	11 mil	13"		XS (7), S (8), M (9), L (10), XL (11)
B.	AlphaTec®	37-646	B	4	Green	Raised Diamond	Unlined	Straight	11 mil	13"		XS (7), S (8), M (9), L (10), XL (11)
C.	AlphaTec®	39-122	B	4	Green	Rough Finish	Interlock Knit	Pinked	47 mil	12"		XS (7), S (8), M (9), L (10)
D.	AlphaTec®	39-124	B	4	Green	Rough Finish	Interlock Knit	Gauntlet	47 mil	14"		XS (7), S (8), M (9), L (10)

Industrial Applications

Gloves, PVC

PVC provides good resistance against many acids, caustics, bases and alcohols, and also offers good abrasion resistance. With these gloves, workers with latex allergies can experience the comfort of natural rubber latex without worrying about having an allergic reaction.



- A. **AlphaTec® 04-002** **NEW** ★
 - B. **AlphaTec® 04-003** **NEW** ★
- Optimal protection to improve worker safety and performance
- High abrasion resistance with excellent wet and dry grip
 - Ergonomic design, provides better comfort with a seamless liner
 - Excellent flexibility and tactility
 - A2 ANSI/ISEA 2016 Cut Rating for enhanced cut protection
 - **04-002**: 12" length
 - **04-003**: 14" length



- C. **AlphaTec® 04-644**
- Superior protection against a range of chemical hazards
- Rough finish delivers extra protection from abrasions
 - Fully coated for optimal protection from various industrial chemical hazards
 - Latex-free provides flexibility and enhanced wearer comfort

Did You Know?

*Second only to polyethylene among the plastics in production and consumption, PVC is used in an enormous range of domestic and industrial products, from raincoats and shower curtains to window frames and indoor plumbing. A lightweight, rigid plastic in its pure form, it is also manufactured in a flexible “plasticized” form, originally produced by Waldo Lunsbury Semon in 1926 while working for the B.F. Goodrich Company.

Key	Description	Style No.	EN 374 Type	ANSI/ ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Glove Length	FDA Food Contact	Sizes
A.	★ AlphaTec®	04-002	B	4	Blue	Rough	Fleece	Gauntlet	12"	☞	S (8), M (9), L (10)
B.	★ AlphaTec®	04-003	B	4	Blue	Rough	Fleece	Gauntlet	14"	☞	S (8), M (9), L (10)
C.	AlphaTec®	04-644	B	5	Blue	Rough	Jersey Knit	Gauntlet	12"		S (8), M (9), L (10), XL (11)

*Source: Britannica.com 2020

Industrial Applications

Gloves, PVC

PVC provides good resistance against many acids, caustics, bases and alcohols, and also offers good abrasion resistance. With these gloves, workers with latex allergies can experience the comfort of natural rubber latex without worrying about having an allergic reaction.



- A. | AlphaTec® 23-200**
 Optimal protection with high dexterity
- Highly flexible and durable solution promotes wearer comfort
 - Rough finish glove surface suitable for use when handling wet or slippery items
 - Compliant with FDA food handling requirements



- B. | AlphaTec® 23-201**
 Excellent grip and comfort to improve worker productivity
- Rough finish glove surface delivers superior grip
 - Soft PVC coating on glove maintains dexterity and pliability even at low temperatures
 - Compliant with FDA food handling requirements



- C. | AlphaTec® 23-202**
 Superior protection and grip for better performance
- Optimal protection even in temperatures as low as -22°F
 - Dipped rough finish suitable for use with wet or slippery items
 - Compliant with FDA food handling requirements



AlphaTec® 23-201 in food application setting

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	23-200	B	4	Blue	Sandblast	Cotton	Gauntlet	79 mil	12"	☑	XS (7), S (8), M (9), L (10)
B.	AlphaTec®	23-201	B	4	Blue	Sandblast	Cotton	Sleeve	79 mil	24"	☑	XS (7), S (8), M (9), L (10)
C.	AlphaTec®	23-202	B	4	Blue	Sandblast	Acrylic Fleece	Gauntlet	79 mil	12"	☑	S (8), M (9), L (10)

Industrial Applications

Gloves, Neoprene

Neoprene resists a broad range of oils, acids, caustics and solvents, but is less resistant to snags, punctures, abrasions and cuts than nitrile or natural rubber. The information below describes the characteristics of our neoprene gloves, making it easy to find the right choice for your application.



A. AlphaTec® 08-352
B. AlphaTec® 08-354

- High dexterity for increased comfort and confidence
- Delivers liquid proof protection against oils, acids and solvents
 - Pinked cuff provides ease of donning and removal of gloves
 - Sweat resistance provides enhanced worker comfort
 - **08-352:** 12" length
 - **08-354:** 14" length



C. AlphaTec® 09-022

- Improve worker productivity with premium protection
- Ergonomic fit enhances comfort for workers
 - High resistance to mechanical hazards
 - Insulation enables handling as low as -13°F and intermittent handling of liquids up to 356°F
 - A2 ANSI/ISEA 2016 Cut Rating for enhanced cut protection



D. AlphaTec® 09-430

- Enhance worker comfort and improve productivity
- High resistance to oils, acids, alcohols and various solvents
 - Anatomical glove shape improves dexterity and reduces hand fatigue
 - Silicone and latex-free offer better flexibility and durability
 - A2 ANSI/ISEA 2016 Cut Rating for enhanced cut protection



E. AlphaTec® 09-924
F. AlphaTec® 09-928

- Optimum comfort to boost worker performance
- Anatomical shape delivers extra worker comfort
 - High resistance against various solvents, oils, acids and alcohols
 - Improved flexibility with high durability
 - A2 ANSI/ISEA 2016 Cut Rating for enhanced cut protection
 - **09-924:** 14" length
 - **09-928:** 18" length

Key	Description	Style No.	EN 374 Type	ANSI/ ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	08-352	A	3	Green	Rough	Interlock Knit	Pinked Gauntlet	55 mil	12"		XS (7), S (8), M (9), L (10)
B.	AlphaTec®	08-354	A	3	Green	Rough	Interlock Knit	Pinked Gauntlet	55 mil	14"		S (8), M (9), L (10)
C.	AlphaTec®	09-022	A	3	Black	Smooth	Fleece/Jersey	Gauntlet	105 mil	12"		L (10)
D.	AlphaTec®	09-430	A	3	Black	Smooth	Fleece/Jersey	Gauntlet	80 mil	31"		L (10)
E.	AlphaTec®	09-924	A	4	Black	Smooth	Fleece/Jersey	Gauntlet	80 mil	14"		L (10)
F.	AlphaTec®	09-928	A	4	Black	Smooth	Fleece/Jersey	Gauntlet	80 mil	18"		L (10)

Industrial Applications

Gloves, Neoprene

Neoprene resists a broad range of oils, acids, caustics and solvents, but is less resistant to snags, punctures, abrasions and cuts than nitrile or natural rubber. The information below describes the characteristics of our neoprene gloves, making it easy to find the right choice for your application.



- A. | AlphaTec® 19-024**
Superior protection against various chemical hazards
- High resistance to chemicals, detergents, cleaning solutions, vegetable oils and animal fats
 - Heat resistance enables intermittent contact with surfaces up to 365°F
 - Rough finish and 85 mil thickness for optimal protection
 - A2 ANSI/ISEA 2016 Cut Rating for enhanced cut protection



- B. | AlphaTec® 19-026**
Premium protection for better worker confidence
- Coated gloves protect against various chemicals, detergents and animal fats
 - Heat resistance allows for intermittent contact with surfaces up to 365°F
 - Compliant with FDA food handling requirements
 - A2 ANSI/ISEA 2016 Cut Rating for enhanced cut protection



- C. | AlphaTec® 19-938**
Superior strength for long lasting gloves
- High resistance to oils, acids, chemicals and solvents
 - Provides protection against abrasions, snags and punctures
 - Durable and tough for better worker protection
 - A2 ANSI/ISEA 2016 Cut Rating for enhanced cut protection



- D. | AlphaTec® 29-865**
Case-hardened to deliver excellent protection
- Superior strength to withstand abrasions
 - Provides protection against acids, alcohols and various solvents
 - Compliant with FDA food handling requirements

Key	Description	Style No.	EN 374 Type	ANSI/ ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	FDA Food Contact	Sizes
A.	AlphaTec®	19-024	A	3	Black	Rough	Fleece/Jersey	Gauntlet	85 mil	18"	☑	S (8), L (10)
B.	AlphaTec®	19-026	A	3	Black	Rough	Fleece/Jersey	Gauntlet	85 mil	26"	☑	S (8), L (10)
C.	AlphaTec®	19-938	A	3	Black	Rough	Fleece/Jersey	Gauntlet	83 mil	18"		L (10)
D.	AlphaTec®	29-865	B	3	Black	Sandpatch	Flock Lined	Straight	18 mil	13"	☑	XS (7), S (8), M (9), L (10)

Industrial Applications

Gloves, Special Polymers

The risks associated with chemical exposure in some high risk applications requires the use of special polymers to protect workers against oils, acids, caustics and solvents. Chemical gloves made with polymers like Viton, butyl, polyvinyl alcohol, and nylon/polyethylene laminate film are an important part of any chemical protection portfolio.



- A. AlphaTec® 02-100**
 Extreme protection to enhance worker productivity
- Highly chemical resistant 5 layer laminated glove
 - Seam-fusion technology with five-layer protection for added protection
 - Ergonomic design enhances worker comfort and productivity



- B. AlphaTec® 15-554**
 Superior protection against hazardous chemicals
- Lighter glove for improved worker performance
 - Polyvinyl alcohol coating out-performs most other types of chemical-resistant gloves
 - Latex-free formulation improves flexibility and comfort



- C. AlphaTec® 38-514**
 Increased comfort with high chemical resistance
- The thinnest butyl glove providing the best resistance to the most aggressive chemicals with dexterity and comfort
 - High permeation resistance to ensure optimal protection against gases and chemical vapors
 - Superior resistance suited for use with esters, ketones oxidizing agents
 - Silicone-free to reduce contamination



- D. AlphaTec® 38-612**
 Maximize protection to increase worker comfort and confidence
- Combination of butyl and viton layers for maximum protection against hazardous chemicals
 - Natural, curved ergonomic shape improves comfort
 - Protects against aliphatic, halogenated and aromatic hydrocarbons and concentrated mineral acids
 - Silicone and latex-free formulation reduces contamination

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Material	Liner Material	Cuff Style	Palm Thickness	Glove Length	Sizes
A.	AlphaTec®	02-100	A	1	White	Smooth	LLDPE Laminated Film	–	Gauntlet	2.5 mil	16"	XXS (6), XS (7), S (8), M (9), L (10), XL (11)
B.	AlphaTec®	15-554	A	3	Red	Smooth	Polyvinylalcohol	Interlock Knit	Gauntlet	37.5 mil	14"	M (9), L (10)
C.	AlphaTec®	38-514	A	3	Black	Rough	Butyl Polymer	Unlined	Beaded	14 mil	14"	XS (7), S (8), M (9), L (10)
D.	AlphaTec®	38-612	A	3	Black	Smooth	Viton / Butyl Polymer	Unlined	Beaded	12 mil	12"	S (8), M (9), L (10)

Industrial Applications

Gloves, Special Polymers

The risks associated with chemical exposure in some high risk applications requires the use of special polymers to protect workers against oils, acids, caustics and solvents. Chemical gloves made with polymers like Viton, butyl, polyvinyl alcohol, and nylon/polyethylene laminate film are an important part of any chemical protection portfolio.



A. AlphaTec® 53-001

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

- Nitrile & neoprene layers provide advanced chemical protection from acids to hydrocarbons and beyond
- Tested according to EN ISO 374:2016, permeation time > 30 minutes against 13 chemicals out of 18 listed
- Features the latest MICROCHEM™ Chemical Barrier Technology provides superior protection for use in hazardous environments
- ANSELL GRIP™ Technology for the handling of wet or oily parts provides enhanced dexterity, grip and comfort

 ANSELL GRIP™

 MICROCHEM™



AlphaTec® 53-001
in Oil & Gas application

Key	Description	Style No.	EN 374 Type	ANSI/ISEA Abrasion Level	Color	Grip Pattern	Liner Material	Cuff Style	Palm Thickness	Glove Length	Sizes
A.	AlphaTec®	53-001	A	3	Black	ANSELL GRIP™	Nylon	Gauntlet	15 mil	13"	XS (7), S (8), M (9), L (10), XL (11)

FOCUS ON SAFETY

to improve business performance

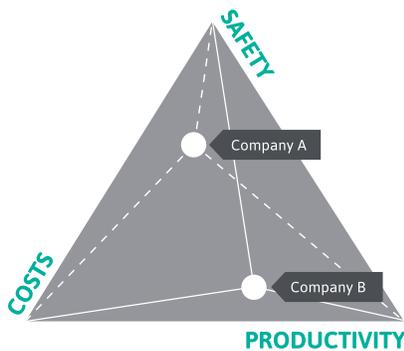


An Integrated Approach To Reduce Injuries And Save Costs

Learn How Schlumberger saved \$115,000

When Schlumberger, one of the largest drilling companies in the world, wanted to decrease PPE costs and reduce injuries, AnsellGUARDIAN® helped them to select the right personal protective equipment solution in compliance with current safety regulations. This led to a 50% reduction in injuries and saved them \$115,000.

AnsellGUARDIAN® is our proprietary service that can help companies like yours select the right personal protective equipment solutions to improve safety, productivity and cost performance.



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For access to on-demand tools to assist with chemical protection solutions, visit www.ansellguardianpartner.com for product selection based on the specific chemical risks at your site.

AnsellGUARDIAN®

Chemical Protection Clothing Solutions

AlphaTec
3000
MICROCHEM



Our range of chemical suits

Continuous taping

Double zippers

Colored zippers

No-drip cuffs

Comfort cuffs

Supported inner leg seams

Generous whole suit sizing

Boot over flaps



WHOLE SUIT testing

Respirator fit hoods

Unobtrusive labels

Size guide on labels

Traceable labels

Antistatic

Silicone-free

Fully elasticated

ANSI/ISEA 101 certified

Roomier fit

Packaging



2 way zippers

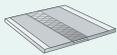
Resealable zipper flap

Finger loops

Unique boot design

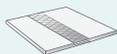
No-skid soles

AlphaTec® Seam Technology



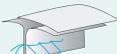
Ultrasonically Welded & Taped Seams

A feature throughout the 68-4000 and 68-5000 range, this seam technology is our highest barrier to liquid and particulates.



Ultrasonically Welded Seams

Provides a strong liquid and particle barrier.



Serged & Taped Seams

Internal stitching which is overtaped to offer increased strength and an effective barrier to liquids and particulates.



Bound Seams

An overlay of material similar to the base fabric is lock-stitched in place. This technology provides superior strength, liquid and particle barrier when compared to a traditional stitched seam.



Serged Seams

3-thread overlocking technology, which offers an excellent balance of a strong seam with good particle barrier. Internal stitching reduces the risk of any potential linting from the thread.



Sizing Chart

	SIZE CODE	WEIGHT (in Pounds)	HEIGHT (in Feet)
SM	02	100-125	5'-5'7"
MD	03	125-160	5'2"-5'7"
LG	04	140-200	5'5"-5'10"
XL	05	158-220	5'7"-6'2"
2XL	06	180-240	5'11"-6'4"
3XL	07	230-260	6'2"-6'5"
4XL	08	245-300	6'3"-6'7"
5XL	09	265-320	6'5"-6'10"

PLEASE NOTE: This size chart is intended to be used as a guide only.

*Please check with your Ansell representative for styles and sizes that are made to order

Product Selector Guide



How to use this product selector guide...			STEP 2 Find the product
STEP 1 Choose the industry, type of work & hazard			
INDUSTRY	TYPE OF WORK	POTENTIAL HAZARD	
 Manufacturing	General maintenance work	Oil / grease / general dirt and grime	68-1500 / 68-1500 PLUS
	Chemical handling / transportation	What chemicals are being used? See chemical permeation data. Visit www.ansell.com or tel US: 1-800-800-0444	
	Low pressure industrial cleaning	Dilute chemicals (low hazard)	68-2000
	Sewage purification installations / hazardous waste	Human waste, bacteria, chemicals	68-3000 / 68-4000 / 68-5000
	Industrial tank cleaning	Chemicals	68-3000 / 68-4000 / 68-5000 / 68-CFR
	Working with MDF and hard woods	Dust and particulates	68-1500 / 68-1500 PLUS
	Fibre glass sanding and cutting	Glass fibre / dust / particulates	68-2000 COMFORT
	Spray painting	Paint mist	68-2000 / 68-2000 COMFORT / 68-3000
 Life Sciences	Milling / powder rooms / laboratories / working with infective agents	Liquids / particulates (low to moderate spray/splash)	68-2000
		Liquids / particulates (high level spray)	68-2000 Ts PLUS
	Active Pharmaceutical Ingredients (APIs)	Particulates (low to moderate concentration)	68-2000 Ts PLUS
		Particulates (high concentration)	68-2500 PAPR
 Food & Agriculture	Animal food handling	Particulates (e.g. grain)	68-1500 / 68-1500 PLUS
	Livestock and poultry handling	Airborne bacteria and parasites (light duty)	68-2000 / 68-2000 TS PLUS
		Airborne bacteria and parasites (heavy duty)	68-2500
	Crop spraying	Dilute pesticides, herbicides, insecticides and fungicides (low to moderate spray/splash)	68-2000
		Dilute pesticides, herbicides, insecticides and fungicides (high level spray)	68-2000 Ts PLUS
	Chemical handling	Mixing / cleaning phase	68-4000
Cold Storage	Ammonia Emergency Response	68-6000 / 68-4000	
 Construction	Asbestos related work	Asbestos	68-1500
	Roof insulation removals refit	Glass fibre / dust / particulates	68-1500
	Drilling / grinding / sanding / cutting / sanding	Dust / particulates	68-1500
 Oil & petrochemical	Drilling	Oil based mud protection	68-4000
	Petroleum distribution & processing	General dirt	68-1500 PLUS FR
	Tank cleaning / Line breaking	Chemicals / low flash fire risk (high level spray/splash)	68-4000
		Chemicals / flash fire (high level spray/splash)	68-CFR
 Chemical	Chemical handling / transportation	What chemicals are being used? See chemical permeation data. Visit https://www.ansellguardianpartner.com/	
	Industrial tank cleaning	Chemicals	68-3000 / 68-4000 / 68-5000 / 68-CFR
	Emergency Response	Hazardous chemical leakages / spills	68-6000

Industrial Applications

Suits, Particulate and Light Liquid Spray Protection

A leading brand of chemical protective apparel, that provides excellent protection and confidence to workers who rely on Ansell products.



Model 100
Catalog WH15-S-92-100

A. AlphaTec® 1500

Designed for workers involved in the stripping, clean up or handling of asbestos, general maintenance, construction and contract cleaning.

- Protection - Proven to filter 100% of particles >3 microns
- Comfort - Air and water vapor permeable (breathable) to help reduce the risk of heat stress
- Optimized body fit - Improves wearer comfort and safety



Model 103
Catalog WH15-S-92-103

B. AlphaTec® 1500 PLUS

Comfortable and breathable anti-static SMS suit proven to filter out 99.9% of particles >3µm for high protection.

- Air and water vapor permeable for maximum comfort & reduced risk of heat stress
- Key applications include powder, fiber and pharmaceutical handling, touch up painting, wood/metal processing & general maintenance
- Silicone-free for critical surface areas
- Available in multiple model configurations

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
1500	WH15-S-92-100-##*	Elasticated cuffs, two-way zip, zip flap
1500	WH15-S-92-101-##*	Elasticated cuffs, two-way zip, zip flap, respirator fit hood
1500	WH15-S-92-106-##*	Elasticated cuffs, two-way zip, zip flap, respirator fit hood, no slip boots
1500PLUS	WH15-S-92-103-##*	Elasticated, two-way zip, resealable zip flap
1500PLUS	WH15-S-92-111-##*	Elasticated cuffs & waist, two-way zip, zip flap, respirator fit hood
1500PLUS	WH15-S-92-107-##*	Elasticated cuffs & waist, two-way zip, zip flap, respirator fit hood, no slip boots

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No	Garment	Fabric	Configuration	Seam	Color	Case Qty	Sizes
A	AlphaTec®	1500	WH15-S-92-100-##*	Coverall	SMS	Collared	Stitched	White	25	S - 5XL
A	AlphaTec®	1500	WH15-S-92-101-##*	Coverall	SMS	Hooded	Stitched	White	25	S - 5XL
A	AlphaTec®	1500	WH15-S-92-106-##*	Coverall	SMS	Hood/Boot	Stitched	White	25	S - 5XL
B	AlphaTec®	1500PLUS	WH15-S-92-103-##*	Coverall	Anti-Stat SMS	Collared	Stitched	White	25	S - 5XL
B	AlphaTec®	1500PLUS	WH15-S-92-111-##*	Coverall	Anti-Stat SMS	Hooded	Stitched	White	25	S - 5XL
B	AlphaTec®	1500PLUS	WH15-S-92-107-##*	Coverall	Anti-Stat SMS	Hood/Boot	Stitched	White	25	S - 5XL

*Size Codes: S=02, M=03, L=04, XL=05, XXL=06, 3XL=07, 4XL=08, 5XL=09

Industrial Applications

Suits, Particulate & Low Hazard Liquid Splash, Flame Resistant

A leading brand of chemical protective apparel, that provides excellent protection and confidence to workers who rely on Ansell products.



Model 111
Catalog NR17-S-92-111

A. AlphaTec® 1500 PLUS FR

Particulate and Low Hazard Liquid Splash

- Air and water vapor permeable for maximum comfort & reduced risk of heat stress
- Designed to be used over primary FR garments
- Key applications include petrochemical, industrial cleaning, utilities and general maintenance



Model 111
Catalog RD96-T92-111

B. AlphaTec® CFR

Chemical Splash

- Versatile in many applications where secondary FR protection is required
- Key applications include oil & petrochemical, utilities, general maintenance



AlphaTec®
1500 PLUS FR

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
1500PLUS FR	NR17-S-92-103-##*	Elasticated cuffs & waist, two-way zip, resealable zip flap
1500PLUS FR	NR17-S-92-111-##*	Elasticated cuffs & waist, two-way zip, zip flap, respirator fit hood
CFR	RD96-T-92-103-##*	Double zip, double flap system
CFR	RD96-T-92-111-##*	Double zip, double flap system, respirator fit hood

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No	Garment	Fabric	Configuration	Seam	Color	Case Qty	Sizes
A	AlphaTec®	1500PLUS FR	NR17-S-92-103-##*	Coverall	FR SMMS	Collared	Stitched	Navy/ Red seams	25	S - 5XL
A	AlphaTec®	1500PLUS FR	NR17-S-92-111-##*	Coverall	FR SMMS	Hooded	Stitched	Navy/ Red seams	25	S - 5XL
B	AlphaTec®	CFR	RD96-T92-103-##*	Coverall	FR Chemical Barrier	Collared	Welded & Taped	Red	20 or 15	S - 5XL
B	AlphaTec®	CFR	RD96-T92-111-##*	Coverall	FR Chemical Barrier	Hooded	Welded & Taped	Red	20 or 15	S - 5XL

*Size Codes: S=02, M=03, L=04, XL=05, XXL=06, 3XL=07, 4XL=08, 5XL=09

Industrial Applications

Suits, Particulate & Low Hazard Liquid Spray

Ansell's chemical protection apparel solutions provide wearers a unique combination of comfort and high performance protection from low hazard liquid sprays and hazardous particulate risks.



Model 111
Catalog WH18-B-92-111

A. AlphaTec® 1800

Entry level suit for low hazard liquid and particulate protection.

- Moisture vapor permeable fabric reduces risk of heat stress
- Key applications include paint spraying, powder handling and general industrial applications
- Low linting and silicone-free
- Available in multiple model configurations



Model 195
Catalog WN18-B-92-195

B. AlphaTec® 1800 COMFORT

Optimally designed suit for comfort with protection from hazardous particulates and light splash.

- Highly breathable SMS used in strategic hot spots maximizes comfort and reduces risk of heat stress
- Key applications include paint spraying, sanding, composites and general industrial applications
- Low linting and silicone-free
- Blue back with white front

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
1800	WH18-B-92-103-##*	Elasticated cuffs & waist, two-way zip, resealable zip flap
1800	WH18-B-92-111-##*	Elasticated cuffs & waist, two-way zip, zip flap, respirator fit hood
1800	WH18-B-92-107-##*	Elasticated cuffs & waist, two-way zip, zip flap, respirator fit hood, no slip boots
1800C	WN18-B-92-195-##*	Head, underarms and back in SMS, fully elasticated, two-way zip, zip flap, respirator fit hood

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No	Garment	Fabric	Configuration	Seam	Color	Case Qty	Sizes
A	AlphaTec®	1800	WH18-B-92-103-##*	Coverall	MPL	Collared	Bound	White	25	S - 5XL
A	AlphaTec®	1800	WH18-B-92-111-##*	Coverall	MPL	Hooded	Bound	White	25	S - 5XL
A	AlphaTec®	1800	WH18-B-92-107-##*	Coverall	MPL	Hood/Boot	Bound	White	25	S - 5XL
B	AlphaTec®	1800C	WN18-B-92-195-##*	Coverall	MPL/SMS	Hooded	Bound	Blue/White	25	S - 5XL

*Size Codes: S=02, M=03, L=04, XL=05, XXL=06, 3XL=07, 4XL=08, 5XL=09

Industrial Applications

Suits, Particulate & Low Hazard Liquid Spray

Ansell's chemical protection apparel solutions provide wearers a unique combination of comfort and high performance protection from low hazard liquid sprays and hazardous particulate risks.



Model 111
Catalog WH20-B-92-111

A. AlphaTec® 2000

Provides both protection and comfort with exceptional liquid and particulate protection.

- Protection - Excellent liquid penetration resistance and barrier to fine particulates >0.01 microns, resistance to penetration of bloodborne pathogens
- Comfort - Moisture vapor permeable fabric (breathable) to help reduce the risk of heat stress
- Low linting - Reduces the risk of fiber contamination in some critical areas



Model 129
Catalog WH20-B-92-129

B. AlphaTec® 2000 COMFORT

Specifically designed suit for work in warm environments where heat and sweat resistance is a requirement.

- Reduces the risk of heat stress with back panel fabric in highly breathable SMS benefit
- Key applications include pharmaceutical, paint spraying, clean environments and pest control
- Available in collared or hooded

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
2000	WH20-B-92-103-##*	Fully elasticated, finger loops, two-way zip, resealable zip flap
2000	WH20-B-92-111-##*	Fully elasticated, finger loops, two-way zip, zip flap, respirator fit hood
2000	WH20-B-92-107-##*	Fully elasticated, finger loops, two-way zip, zip flap, respirator fit hood, no slip boots
2000C	WH20-B-92-177-##*	Back panel in SMS, fully elasticated, finger loops, two-way zip, resealable zip flap
2000C	WH20-B-92-129-##*	Back panel in SMS, fully elasticated, finger loops, two-way zip, zip flap, respirator fit hood

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No	Garment	Fabric	Configuration	Seam	Color	Case Qty	Sizes
A	AlphaTec®	2000	WH20-B-92-103-##*	Coverall	MPL	Collared	Bound	White	25	S - 5XL
A	AlphaTec®	2000	WH20-B-92-111-##*	Coverall	MPL	Hooded	Bound	White	25	S - 5XL
A	AlphaTec®	2000	WH20-B-92-107-##*	Coverall	MPL	Hood/Boot	Bound	White	25	S - 5XL
B	AlphaTec®	2000C	WH20-B-92-177-##*	Coverall	MPL/SMS	Collared	Bound	White	25	S - 5XL
B	AlphaTec®	2000C	WH20-B-92-129-##*	Coverall	MPL/SMS	Hooded	Bound	White	25	S - 5XL

*Size Codes: S=02, M=03, L=04, XL=05, XXL=06, 3XL=07, 4XL=08, 5XL=09

Industrial Applications

Suits, Chemical Splash and Spray Protection

Ansell's chemical protection apparel solutions provide wearers a unique combination of comfort and high performance protection from liquid chemical sprays and jets as well as particulate risks.



Model 111
Catalog YY23-B-92-111

A. AlphaTec®
B. 2300 PLUS

Provides an excellent barrier to harmful chemicals and bloodborne pathogens, while being lightweight and relatively strong and durable.

- Protection - A barrier to numerous inorganic liquid chemicals including acids and bases
- Comfort - Lightweight, yet strong and durable
- Highly visible - Bright yellow for improved worker safety



Model 103
Catalog YE30-W-92-103

C. AlphaTec® 3000

Multi-layer fabric suit provides an effective barrier against inorganic chemicals and biological hazards.

- Durable and extremely comfortable
- Key applications include chemical & pharmaceutical, industrial tank cleaning, mining
- Available in many model configurations and a broad selection of accessories
- Tested to resist fentanyl permeation

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
2300	YY23-B-92-103-##*	Fully elasticated, finger loops, two-way zip, resealable zip flap
2300	YY23-B-92-111-##*	Fully elasticated, finger loops, two-way zip, zip flap, respirator fit hood
2300	YY23-B-92-147-##*	Fully elasticated, finger loops, two-way zip, zip flap, respirator fit hood, socks
2300	YY23-B-92-214-##*	Elasticated wrists, rear hook and loop fastening
2300PLUS	YY23-T-92-132-##*	Taped seams, fully elasticated, finger loops, two-way zip, resealable zip flap, respirator fit hood
3000	YE30-W-92-103-##*	Double zip, double flap system, no drip cuff
3000	YE30-W-92-111-##*	Double zip, double flap system, no drip cuff, respirator fit hood
3000	YE30-W-92-122-##*	Double zip, double flap system, no drip cuff, respirator fit hood, socks with boot overlap
3000	YE30-W-92-201-##*	Double zip, double flap system, elasticated cuffs, hem and hood
3000	YE30-W-92-301-##*	Elasticated waist and ankles

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No	Garment	Fabric	Configuration	Seam	Color	Case Qty	Sizes
A	AlphaTec®	2300	YY23-B-92-103-##*	Coverall	Chemical Barrier	Collared	Bound	Yellow	25	S - 5XL
A	AlphaTec®	2300	YY23-B-92-111-##*	Coverall	Chemical Barrier	Hooded	Bound	Yellow	25	S - 5XL
A	AlphaTec®	2300	YY23-B-92-147-##*	Coverall	Chemical Barrier	Hood/sock	Bound	Yellow	25	S - 5XL
A	AlphaTec®	2300	YY23-B-92-214-##*	Gown	Chemical Barrier	--	Bound	Yellow	50	S - 5XL
B	AlphaTec®	2300PLUS	YY23-T-92-132-##*	Coverall	Chemical Barrier	Hooded	Stitched & Taped	Yellow	25	S - 5XL
C	AlphaTec®	3000	YE30-W-92-103-##*	Coverall	Chemical Barrier	Collared	Welded	Yellow	6	S - 5XL
C	AlphaTec®	3000	YE30-W-92-111-##*	Coverall	Chemical Barrier	Hooded	Welded	Yellow	6	S - 5XL
C	AlphaTec®	3000	YE30-W-92-122-##*	Coverall	Chemical Barrier	Hood/Sock	Welded	Yellow	6	S - 5XL
C	AlphaTec®	3000	YE30-W-92-201-##*	Jacket	Chemical Barrier	Hooded	Welded	Yellow	35	S - 5XL
C	AlphaTec®	3000	YE30-W-92-301-##*	Pants	Chemical Barrier	--	Welded	Yellow	40	S - 5XL

*Size Codes: S=02, M=03, L=04, XL=05, XXL=06, 3XL=07, 4XL=08, 5XL=09

Industrial Applications

Suits, Chemical Splash and Spray Protection

Ansell's chemical protection apparel solutions provide wearers a unique combination of comfort and high performance protection from liquid chemical sprays and jets as well as particulate risks.



Model 111
Catalog GR40-T-92-111

A. AlphaTec® 4000

Designed to provide an exceptional barrier against organic and inorganic chemicals, as well as biological agents.

- Protection - Permeation tested against over 190 chemicals, including chemical warfare agents
- Comfort - Textile-like inner improves wearer acceptance
- Design - Color-coded dual-zip systems and double cuffs



Model 111
Catalog OR50-T-92-111

B. AlphaTec® 5000

Highly visible suit featuring extremely durable fabric for more aggressive chemical environments.

- Typical design features include colored double zips, no-drip comfort cuffs, respirator fit hoods
- Suitable for workers in extremely hazardous areas, HAZMAT response teams
- Available in multiple coverall configurations as well as air-fed and non-ventilated hoods

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
4000	GR40-T-92-103-##*	Double zip, double flap system, no drip comfort cuff
4000	GR40-T-92-111-##*	Double zip, double flap system, no drip comfort cuff, respirator fit hood
4000	GR40-T-92-122-##*	Double zip, double flap system, no drip comfort cuff, respirator fit hood, socks with boot overlap
4000	GR40-T-92-151-##*	Rear entry, double zip, double flap system, no drip comfort cuff, socks with boot overlap
4000	GR40-T-92-215-##*	No drip comfort cuff, rear hook and loop fastening
5000	OR50-T-92-103-##*	Double zip, double flap system, no drip comfort cuff
5000	OR50-T-92-111-##*	Double zip, double flap system, no drip comfort cuff, respirator fit hood
5000	OR50-T-92-122-##*	Double zip, double flap system, no drip comfort cuff, respirator fit hood, socks with boot overlap

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No	Garment	Fabric	Configuration	Seam	Color	Case Qty	Sizes
A	AlphaTec®	4000	GR40-T-92-103-##*	Coverall	Chemical Barrier	Collared	Welded & Taped	Green	6	S - 5XL
A	AlphaTec®	4000	GR40-T-92-111-##*	Coverall	Chemical Barrier	Hooded	Welded & Taped	Green	6	S - 5XL
A	AlphaTec®	4000	GR40-T-92-122-##*	Coverall	Chemical Barrier	Hood/Sock	Welded & Taped	Green	6	S - 5XL
A	AlphaTec®	4000	GR40-T-92-151-##*	Coverall	Chemical Barrier	Neoprene Face Seal	Welded & Taped	Green	8	S - 5XL
A	AlphaTec®	4000	GR40-T-92-215-##*	Sleeved Apron	Chemical Barrier	Sleeved Apron	Welded & Taped	Green	20	S - 5XL
B	AlphaTec®	5000	OR50-T-92-103-##*	Coverall	Chemical Barrier	Collared	Welded & Taped	Orange	6	S - 5XL
B	AlphaTec®	5000	OR50-T-92-111-##*	Coverall	Chemical Barrier	Hooded	Welded & Taped	Orange	6	S - 5XL
B	AlphaTec®	5000	OR50-T-92-122-##*	Coverall	Chemical Barrier	Hood/Sock	Welded & Taped	Orange	6	S - 5XL

*Size Codes: S=02, M=03, L=04, XL=05, XXL=06, 3XL=07, 4XL=08, 5XL=09

Industrial Applications

Suits, Reusable Breathable Chemical Liquid Splash

Offers chemical splash protection in a fabric that is ideal for a wide array of industrial applications. Chemical splash fabric helps manage heat stress, while offering exceptional liquid chemical splash protection, enabling the wearer protection as well as comfort throughout a full shift.



Model 667
Catalog 66-667

A. AlphaTec® Breathable 66-66X

Breathable chemical splash protection red polyester suit is reusable & maximizes comfort and productivity.

- NFPA 1992 certified as Liquid Splash-Protective Clothing for Hazardous Materials Emergencies
- Liquid chemical splash protection with penetration data for more than 70 chemicals
- Available in jacket, bib overall, coverall, long coat and detachable hood



Model 677
Catalog 66-677

B. AlphaTec® Breathable 66-67X FR

Breathable chemical splash garments with Nomex® fabric add the benefits of arc flash, heat and flame protection.

- NFPA 1992 certified as Liquid Splash-Protective Clothing for Hazardous Materials Emergencies
- Tested according to ASTM 1959-04 which complies under NFPA 70E Standard for Electrical Safety
- Liquid chemical splash protection with penetration data for more than 70 chemicals
- Available in jacket, bib overall, coverall, long coat and detachable hood

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
66-66X	66-660	Heat-sealed seams, double front storm flap, raglan sleeves, wrist hook and loop closure
66-66X	66-662	Heat-sealed seams, ankle hook and loop closure, adjustable suspenders
66-66X	66-663	Heat-sealed seams, double front storm flap, raglan sleeves, wrist hook and loop closure
66-66X	66-667	Heat-sealed seams, double front storm flap, raglan sleeves, wrist/ankle hook and loop closure
66-67X	66-670	Heat-sealed seams, double front storm flap, raglan sleeves, wrist hook and loop closure
66-67X	66-672	Heat-sealed seams, ankle hook and loop closure, adjustable suspenders
66-67X	66-671	Heat-sealed seams, double front storm flap, raglan sleeves, wrist hook and loop closure
66-67X	66-677	Heat-sealed seams, double front storm flap, raglan sleeves, wrist/ankle hook and loop closure

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No	Garment	Fabric	Configuration	Color	Seam	Case Qty	Sizes
A	AlphaTec®	66-66X	66-660	Jacket	Polyester/PTFE membrane	Polyester Hood	Red	Stitched & Taped	1	S - 7XL
A	AlphaTec®	66-66X	66-662	Bib Overall	Polyester/PTFE membrane	Polyester Hood	Red	Stitched & Taped	1	S - 7XL
A	AlphaTec®	66-66X	66-663	Coat	Polyester/PTFE membrane	Polyester Hood	Red	Stitched & Taped	1	S - 7XL
A	AlphaTec®	66-66X	66-667	Coverall	Polyester/PTFE membrane	Polyester Hood	Red	Stitched & Taped	1	S - 7XL
B	AlphaTec®	66-67X	66-670	Jacket	NOMEX® Polyester/PTFE membrane	Polyester Hood	Blue	Stitched & Taped	1	S - 7XL
B	AlphaTec®	66-67X	66-672	Bib Overall	NOMEX® Polyester/PTFE membrane	Polyester Hood	Blue	Stitched & Taped	1	S - 7XL
B	AlphaTec®	66-67X	66-671	Coat	NOMEX® Polyester/PTFE membrane	Polyester Hood	Blue	Stitched & Taped	1	S - 7XL
B	AlphaTec®	66-67X	66-677	Coverall	NOMEX® Polyester/PTFE membrane	Polyester Hood	Blue	Stitched & Taped	1	S - 7XL

Industrial Applications

Suits, Reusable Gas Tight

Certified to the toughest standards in the US and Europe and with an extensive reference list, AlphaTec® gas tight suits are found all over the world in the most demanding hazardous environments.



- A. | AlphaTec® 66-EVO**
Premium reusable HAZMAT suit providing maximum protection.
- Protects against aggressive chemicals in all forms, including warfare agents
 - Certified to global standards EN 943-2 and NFPA 1991:2016 including chemical flash fire and liquefied gas protection requirements



- B. | AlphaTec® 66-FLASH**
Cost-efficient, high performance reusable HAZMAT suit.
- Excellent chemical protection against gasses, liquids and particulates
 - Certified to EN 943-2/ET and NFPA 1991:2016 including chemical flash fire and liquefied gas protection requirements



- C. | AlphaTec® 6000**
Limited use Level A gastight suit provides protection for HAZMAT or chemical workers.
- Fully encapsulated, lightweight suit with semi-rigid GAG visor
 - Self-contained breathing apparatus (SCBA) worn on inside
 - Attached barrier gloves or attached Barrier with neoprene over glove options

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
EVO	66-EVO	Reusable suit, inner Ansell Barrier glove, outer Viton/butyl glove, AlphaTec cut resistant overglove, bayonet glove ring system, nitrile rubber safety boots, integrated sock boots, integrated ventilation systems, airline passthrough
66-FLASH	66-FLASH	Reusable suit, inner Ansell Barrier glove, outer Viton/butyl glove, AlphaTec cut resistant overglove, bayonet glove ring system, nitrile rubber safety boots, integrated sock boots, integrated ventilation systems, airline passthrough
68-6000	OR60-T-92-802-##*-GA1	Limited Use Level A suit, Semi-Rigid GAG visor, attached socks, attached Ansell Barrier glove with neoprene outer glove

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No	Garment	Fabric	Seam	Color	Case Qty	Sizes
A	AlphaTec®	66-EVO	66-EVO	Encapsulated or Nonencapsulated	Viton/Butyl on Nomex/Chloroprene laminate barrier	Stitched, Welded & Taped	Red	1	S - 3XL
B	AlphaTec®	66-FLASH	VPSFLASH	Encapsulated or Nonencapsulated	Chloroprene on Nomex/Chloroprene laminate barrier	Stitched, Welded & Taped	Orange	1	S - 3XL
C	AlphaTec®	68-6000	OR60-T-92-802-size-GA1	Encapsulated suit	Co-extruded multi-layer barrier laminate with scrim reinforcement	Welded & Taped	Orange	1	S - 3XL

*Size Codes: S=02, M=03, L=04, XL=05, XXL=06, 3XL=07, 4XL=08, 5XL=09

Industrial Applications

Clothing Accessories

A range of clothing and body protection accessories, to improve comfort and provide better flexibility.



- A. **ActivArmr® 97-609**
- B. **97-610**

- This cooling vest can be worn underneath chemical protective clothing, coveralls or other apparel.
- Cooling effect obtained from 21 phase change elements (PCM) which start absorbing heat at a temperature of 28°C (82°F)
 - Heat absorption continues up to 4 hours or until the elements have melted
 - PCM elements are integrated into lining
 - **67-609**: Standard cooling vest
 - **67-610**: Flame retardant cooling vest



Did You Know?

Wearing Ansell's cooling vest can reduce the risk of heat exhaustion and heat illness, especially in high risk environments.



*Risk Factors for Heat Illness

- High temperature and humidity, direct sun exposure, no breeze or wind
- Heavy physical labor
- No recent exposure to hot workplaces
- Low liquid intake
- Waterproof clothing



*Symptoms of Heat Stroke

- May be confused, unable to think clearly, pass out, collapse, or have seizures (fits)
- May stop sweating



*Symptoms of Heat Exhaustion

- Headache, dizziness, or fainting
- Weakness and wet skin
- Irritability or confusion
- Thirst, nausea, or vomiting

Design Features by Ansell Catalog Number

Style No	Catalog No	Design Features by Model Configuration
67-609	--	Vest with hook and loop closures, Phase Change Material (PCM) elements
67-610	--	Vest with hook and loop closures, Flame Retardant, Phase Change Material (PCM) elements

Model Configuration by Ansell Style Number

Key	Desc	Style No	Catalog No	Construction	Size
A	ActivArmr®	97-609	97-609-##	Polyester shell (inner & outer) with hook and loop closures, Phase Change Material elements made of mixed salts in aluminum casing	SMALL/MEDIUM, LARGE/X-LARGE, X-LARGE/3X-LARGE, 4X-LARGE/5X-LARGE
B	ActivArmr®	97-610	97-610-##	Polyester (inner) and Marko® Flame Retardant (outer) shell with hook and loop closures, Phase Change Material elements made of mixed salts in aluminum casing	SMALL/MEDIUM, LARGE/X-LARGE, X-LARGE/3X-LARGE, 4X-LARGE/5X-LARGE

*Source: <https://www.osha.gov/Publications/osh3154.pdf>

Industrial Applications

Sleeves & Aprons

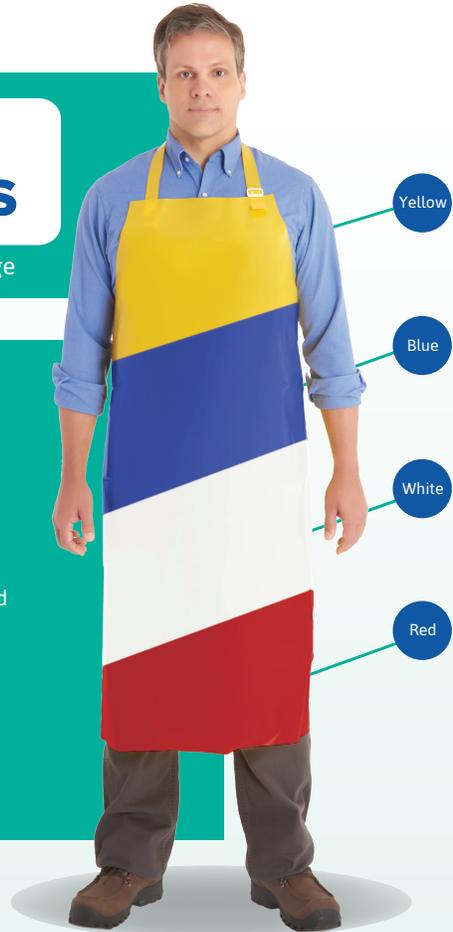
Wherever oil, grease, chemicals and splash risks are present, Ansell aprons help workers keep clean and protected from unwanted contact.

ANSELL MAKES SLEEVES & APRONS

Keeping you covered with the Ansell apron range

Available in a variety of colors

- Excellent resistance to oils, fats and chemicals
- Strong apron construction offers outstanding tear and puncture resistance yet remains flexible in cold temperatures
- Dielectrically sealed neck and waist straps are easy to keep clean and resist tear out while the neck strap features an adjustable non-corrosive, non-absorbent plastic buckle for a more ergonomic fit



A. Ansell 59-001 Sleeve

Durable 18" vinyl sleeves.

- Flexible and comfortable offering great dexterity for prolonged use
- Ideal for food prep/processing and meat packing



B. AlphaTec® 59-050 Sleeve

Economically priced 18" neoprene sleeves for a range of applications

- Excellent resistance to a wide range of chemicals
- Extremely flexible and light weight for level of protection
- Durable and cost effective

Key	Description	Style No	Catalog No	Color	Material	Package	Size
A.	Ansell	59-001	N/A	White, Blue & Clear	Vinyl, 8 mil, elastic at both ends	12 Bundles Per Case 12 Pairs Per Bundle:	18"
B.	AlphaTec®	59-050	VSW-HS 59-050	Yellow	Neoprene, 16-17 mil, elastic at both ends	12 Bundles Per Case 8 Pairs Per Bundle:	18"

Industrial Applications

Aprons

Wherever oil, grease, chemicals and splash risks are present, Ansell aprons help workers keep clean and protected from unwanted contact.



- A. AlphaTec® 56-001**
 Medium duty apron features 7 to 8 mil thickness PVC and a sewn edge finish.
- Provides splash protection and superior flexibility
 - PVC grommets are permanently sealed
 - Three-piece 28-inch ties provide a durable, consistent and adjustable fit on all sizes



- B. AlphaTec® 56-007**
 Medium duty aprons offers 5 to 6 mil thickness PVC and a sewn edge finish.
- PVC construction is flexible while offering resistance to abrasions and punctures
 - PVC grommets are permanently sealed
 - Three-piece 28-inch ties provide a durable, consistent and adjustable fit on all sizes



- C. AlphaTec® 56-009**
 Medium duty apron features 5 to 6 mil thickness PVC with a die cut edge finish.
- Superior flexibility and resistance to punctures, abrasions, oil, fat, and chemicals. Seamless vinyl construction for minimal trapping of contaminants
 - Three-piece, 28-inch ties for durable, consistent and adjustable fit in all sizes
 - Permanently sealed PVC grommets



- D. AlphaTec® 56-015**
E. AlphaTec® 56-016
 Medium duty apron features 5 to 6 mil thickness die cut PVC with chemical splash protection and comfort.
- Economical one-piece construction with integral head opening and ties
 - Seamless vinyl construction for minimal trapping of contaminants
 - **56-015:** Blue color
 - **56-016:** White color

Key	Description	Style No	Catalog No	Color	Material	Package	Size
A.	AlphaTec®	56-001	56-001 B-45P	Blue	Sewn edge PVC apron, 7-8 mil, three 28" ties	72 aprons/carton	33" x 44"
			56-001 B-55				33" x 54"
B.	AlphaTec®	56-007	56-007 AC45	Blue	Sewn edge PVC 5-6 mil apron, three 28" ties	72 aprons/carton	33" x 44"
			56-007 AC48				33" x 47"
			56-007 AC50				33" x 49"
			56-007 AC55				33" x 54"
C.	AlphaTec®	56-009	56-009 CB-45	Blue	Die cut PVC apron, 5-6 mil, three 28" ties	72 aprons/carton	33" x 44"
			56-009 CB-48				33" x 47"
			56-009 CB-50				33" x 49"
			56-009 CB-55				33" x 54"
D.	AlphaTec®	56-015	56-015 (ECB-40)	Blue	Die cut PVC apron, 5-6 mil, Integral material ties	72 aprons/carton	33" x 39"
			56-015 (ECB-45)				33" x 44"
			56-015 (ECB-48)				33" x 47"
E.	AlphaTec®	56-016	56-016 (ECW-45)	White	Die cut PVC apron, 5-6 mil, Integral material ties	72 aprons/carton	33" x 44"
			56-016 (ECW-48)				33" x 47"

Industrial Applications

Aprons

Wherever oil, grease, chemicals and splash risks are present, Ansell aprons help workers keep clean and protected from unwanted contact.



- A. | AlphaTec® 56-10X**
 Heavy duty PVC apron features 18 mil thickness PVC with die-cut finish.
- Chemical splash protection and flexible comfort
 - An extra 18 mil thickness patch included on some models (56-102 and 56-103) in high-wear stomach area
 - Apron features 48" ties and sealed grommets for durable, consistent and adjustable fit in all sizes



- B. | AlphaTec® 56-2X0**
 Die cut disposable Polyethylene 1.5 mil thickness light-to medium-duty apron.
- Economical protection and flexible comfort
 - Integral material ties for convenience and adjustable fit
 - Inexpensive enough to be discarded but strong enough to be reused



- C. | AlphaTec® 56-300**
 Heavy duty aprons offer 20 mil thickness PVC with nylon backing and a sewn edge finish
- Nylon reinforced PVC construction is flexible yet offers resistance to tearing, abrasion and puncture
 - Two-piece 28" ties ensure optimal fit for a wide range of users



- D. | AlphaTec® 56-40X**
 Light-weight 16 to 17 mil thickness nylon-reinforced neoprene apron with sewn edge.
- Two-piece 48" poly ties and sealed grommets for durable, consistent and adjustable fit
 - Chemical splash protection and flexible comfort

Key	Description	Style No	Catalog No	Color	Material	Package	Size
A.	AlphaTec®	56-10X	56-100 (PVC-45G)	Green	Die cut PVC 18 mil apron, two 28" ties	12 aprons/case	33" x 44"
			56-100 (PVC-50G)	White			33" x 49"
			56-101 (PVC-45W)				33" x 44"
			56-102 (PVC-45GSP)	Green	Die cut PVC 18 mil apron, two 28" ties, stomach patch		33" x 44"
			56-102 (PVC-50GSP)				33" x 49"
			56-103 (PVC-45WSP)				33" x 44"
B.	AlphaTec®	56-2X0	56-210 (DA-46W)	White	Die cut Polypropylene 1.5 mil apron, Integral material ties	100/dispenser bag	27" x 46"
			56-210 (DA-55W)				27" x 55"
			56-230 (DA-46B)	Blue			27" x 46"
			56-230 (DA-55B)				27" x 55"
C.	AlphaTec®	56-300	56-300 (YV-45)	Yellow	Die cut PVC apron polyester backing, two 28" ties	12 aprons/case	33" x 45"
			56-300 (YV-48)				33" x 48"
D.	AlphaTec®	56-40X	56-400 (YN-45L)	Yellow	Sewn edge Neoprene 16-17 mil apron, two 28" ties	12 aprons/case	35" x 45"
			56-402 (BN-45L)	Black			12 aprons/case

Industrial Applications

Aprons

Wherever oil, grease, chemicals and splash risks are present, Ansell aprons help workers keep clean and protected from unwanted contact.



- A. AlphaTec® 56-5X0**
Reinforced apron featuring 17 to 19 mil thickness Hycar® nitrile blend on poly/cotton backing with sewn edge finish.
- Two-piece 48" ties and sealed grommets for durable, consistent and adjustable fit on all sizes
 - Chemical splash protection and comfort even in cold conditions



- B. AlphaTec® 56-60X**
Nylon-reinforced 7 mil thickness urethane apron with sewn edge.
- Three-piece 28" ties and sealed grommets for durable, consistent and adjustable fit in all sizes
 - Chemical protection, flexibility and toughness



- C. AlphaTec® 56-80X**
High-performance Endurosaf™ apron featuring 8 to 9 mil thickness die-cut Enduro 2000™ polyurethane.
- Outperforms neoprene, nitrile, vinyl and other films
 - Sealed ties and adjustable neck straps for durable, consistent fit
 - Remains flexible in cold temperatures



- D. AlphaTec® 56-910**
Heavy-weight electrically sealed PVC 8 mil coat apron featuring four 15" grommet ties.
- Outperforms neoprene, nitrile, vinyl and other films
 - Sealed ties and adjustable neck straps for a durable, consistent fit
 - Easy to clean and remains flexible in cold temperature

Key	Description	Style No	Catalog No	Color	Material	Package	Size
A.	AlphaTec®	56-5X0	56-510 (YH-45H)	Yellow	Sewn edge Hycar® 17-19 mil apron, poly/cotton backing, two-48" ties	12 aprons/case	35" x 45"
			56-512 (BH-45H)	Blue			35" x 45"
B.	AlphaTec®	56-60X	56-600 (YU-48) 56-600 (YU-55)	Yellow	Sewn edge Urethane nitrile blend 7 mil apron Nylon Backing, sewn edges, three 28" ties	48 aprons/case	35" x 48" 35" x 55"
			56-601 (BU-48) 56-601 (BU-55)	Blue			35" x 48" 35" x 55"
C.	AlphaTec®	56-80X	56-800 (SAF-45W) 56-800 (SAF-50W)	White	Die Cut Endurosaf™ polyurethane blend 8-9 mil apron, Sealed Enduro 2000™ ties	24 aprons/case	34" x 45" 34" x 50"
			56-801 (SAF-45Y) 56-801 (SAF-50Y)	Yellow			34" x 45" 34" x 50"
			56-802 (SAF-45B) 56-802 (SAF-50B)	Blue			34" x 45" 34" x 50"
			56-803 (SAF-45R)	Red			34" x 45"
D.	AlphaTec®	56-910	56-910 (CAS-8)	Blue	Electrically Sealed PVC coat 8 mil coat apron, Four 28" ties (grommets)	12 aprons/case	S
			56-910 (CAM-8)				M
			56-910 (CAL-8)				L
			56-910 (CAXL-8)				XL
			56-910 (CAXXL-8)				2XL
			56-910 (CAXXXL-8)				3XL



Products that provide “cut resistance” and “cut protection” or “puncture resistance” and “puncture protection” do not completely prevent or eliminate the potential for cuts or punctures, and are not intended or tested to provide protection against powered blades, serrated or other sharp or rotating equipment. Products that provide “abrasion resistance” or “abrasion protection” do not completely prevent or eliminate the potential for abrasion-related injuries. Products that provide “chemical resistance” or “chemical protection” do not completely prevent or eliminate the potential for injury due to chemical exposure. Products that provide “resistance” to oil or grease or which are “oil repellent” do not completely prevent or eliminate the potential for oil or liquid penetration or absorption. Products that provide “snag resistance” or “snag protection” do not completely prevent or eliminate the potential for snags or friction-related injuries. Products that provide protection against sparks or flame are not “fire-proof” and do not completely prevent or eliminate the potential for burns or associated injuries. Products that provide protection or resistance against heat or cold are not intended for use in extreme temperatures – use only as specified.

Users are encouraged to always use caution and care when handling sharp or abrasive materials, chemicals, or other hazardous or dangerous substances. Any information or data provided is based upon Ansell’s current knowledge and understanding of the subject matter, and is offered solely as a possible suggestion for use in making your own decisions or product choices. Product users should conduct all appropriate testing or other evaluations to determine the suitability of Ansell products for a particular purpose or use within a particular environment. It is the responsibility of a product user to assess the level of risk and to determine the protective equipment required or appropriate for the user’s particular purpose. Ansell may revise this information as new information, knowledge or experience becomes available.

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