





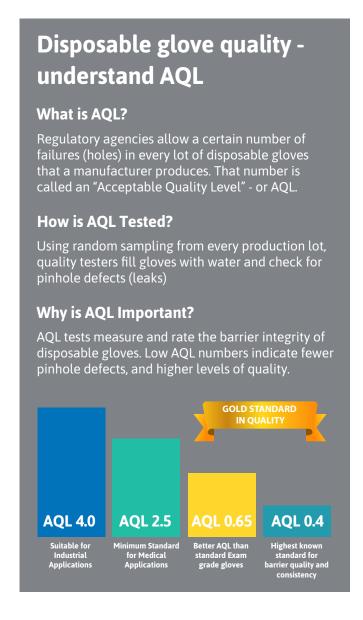
## **ABOUT ANSELL**

Ansell has been protecting workers for over 125 years. We have specialized teams across 10 industries dedicated to developing solutions for the hazards and applications that workers face every day.

Ansell is dedicated to safety: We provide a comprehensive range of gloves and body protection solutions to cover worker needs across the greenhouse agriculture industry.

## **DID YOU KNOW?**

- Using different colored gloves is critical for easy identification to prevent cross contamination.
- Mil thickness of a glove does not equate to chemical protection. The composition material is more important than the thickness of the glove in regards to chemical protection.
- Using gloves that are not ergonomically designed to help support your musculoskeletal health can lead to hand fatigue that can result in injury.
- Certain single use gloves have anti-stick properties that will minimize the adherence of medical tapes and other sticky substances to the gloves.
- Not all single use gloves can protect you against the most common of chemicals, like isopropyl alcohol.
- Certain gloves are made to protect you and certain gloves are made to protect the product, as in the case of clean and sterile gloves.
- Certain chemicals can cause foaming in some single use gloves. Ansell has non-foaming solutions.



	Comfort	Performance	Protection	Comment
Natural Rubber Latex				<ul> <li>Highest comfort with elasticity &amp; dexterity</li> <li>Great wet and dry grip</li> <li>Allergenic: type I &amp; type IV</li> </ul>
Nitrile		•		<ul> <li>Strong and durable material</li> <li>Excellent puncture and abrasion resistance</li> <li>Good chemical splash resistance</li> </ul>
Neoprene	•			<ul> <li>Broad chemical splash resistance</li> <li>Maintain flexibility across a wide range of temperatures</li> <li>Consistent performance even in wet environments</li> </ul>
Polyisoprene				<ul> <li>As comfortable as natural rubber latex</li> <li>Second skin fit and feel</li> <li>Reduces the risk of type I and type IV allergies</li> </ul>
Vinyl				Most economical     Provides lowest level of protection and performance
Extremely Low Moderate High Very High				

# SINGLE USE



#### **Benefits & Features:**

- Tested against both fentanyl and gastric acid (vomit) to simulate hazardous, real world overdose situations
- Dual layer, dual color design for two layers of protection
- Advanced barrier protection (AQL 0.65)
- Non-stick and non-foaming properties for reduced interference when working





#### **Benefits & Features:**

- Ideal in trimming, racking, drying, sanitation and packaging applications where fine dexterity is required
- Comfortable, form fitting examination grade, powder free nitrile glove
- 1.5 AQL, excellent tensile strength
- Easily identifiable, unique cobalt color to help reduce the potential of cross-contamination



MICROFLEX®

**Ultraform**<sup>T</sup>

**Benefits & Features:** 

- Perfect for applications that require high dexterity and tactile sensitivity throughout the entire facility
- ERGOFORM Ergonomic Design Technology to support musculoskeletal health
- · Available in half-sizes to ensure perfect fit
- Medical examination grade







**Benefits & Features:** 

- Excellent choice for trimming, packaging and racking applications
- ERGOFORM Ergonomic Design Technology to support musculoskeletal health
- Environmentally friendly, smart packaging with 250 gloves per box
- · Medical examination grade













MICROFLEX® BLAZE™ N48

### **Benefits & Features:**

- High visibility color is perfect for easy detection
- Durable nitrile material with high abrasion resistance to help prevent rips and tears that could potentially contaminate the product
- Extended cuff for added protection; easy to extend over protective sleeves
- Medical examination grade







MICROFLEX®

XCFFD®

MICROFLEX® Sensation™ N73

#### **Benefits & Features:**

- With its specialized formulation clinically proven to reduce chances of contact dermatitis, this glove is ideal for workers who have sensitivity to accelerators found in most disposable nitrile gloves
- · Medical examination grade







BioClean™

#### Benefits & Features:

- Excellent choice for laboratory-controlled environments where sterile gloves are required
- Extended cuff offers superior protection and durability
- Compatible with Class 100 (ISO 5) / Grade A Cleanroom Environments
- Chemical resistant\*, accelerator-free, non-foaming properties









# **DID YOU KNOW?**

When some nitrile gloves are exposed to water or other liquids, they can start to foam. This is commonly the result of water-activated residual surfactants - detergents left over from the manufacturing process. While non-toxic, the foam produced from surfactants can impact the integrity of the product and reduce grip. Some nitrile gloves are designed to eliminate the incidence of foaming. The MICROFLEX® LIFESTAR EC™ glove is non-foaming and an excellent choice for wet environments where product integrity is key.

# **GENERAL PURPOSE, CUT & CHEMICAL**



#### **Benefits & Features:**

- · Excellent choice for use as a cut-protective under glove for trimming, racking and processing applications
- INTERCEPT Cut Resistance Technology offering cut level protection ANSI
- Ultralight, 18-gauge fabric creates a sensation of bare hand contact and helps to maintain the hand at a comfortable working temperature















**Benefits & Features:** 

- Ideal in applications where high cut resistance is essential such as shipping, receiving, maintenance as well as any applications requiring knife handling
- Ultralight weight glove with ZONZ Comfort Fit Technology that offers unparalleled dexterity and refined mobility
- Palm-dipped coating and the FORTIX formulation provide enhanced abrasion resistance and grip
- INTERCEPT Cut Resistance Technology offering cut level protection ANSI Level A4

















11-800

#### **Benefits & Features:**

- The foam coating offers improved grip in dry and slightly oily environments along with extended durability
- Ansell ZONZ™ Comfort Fit Technology for enhanced fit, breathability and improved feel to increase workers' comfort
- No transfer of silicone contaminants to metal parts prior to painting















58-735

#### **Benefits & Features:**

- Ideal for drain cleaning, shredding, sanitation and any additional application where cut and chemical protection is required
- High-visibility liner acts as an indicator for when glove is cut, allowing the worker to see when chemical protection is compromised
- INTERCEPT Cut Resistance Technology ANSI level A3
- ANSELL GRIP Technology for superior grip in both wet and dry

EN ISO 374-1: EN ISO 374-5





















ActivArmr<sup>6</sup> 97-681

#### **Benefits & Features:**

- High dexterity and liquid-proof for cold weather
- RIPEL Liquid Repellence Technology
- Helps to fight frostbite















AlphaTec® Solvex®

#### **Benefits & Features:**

- Ideal in maintenance or sanitation applications
- High performance nitrile compound for good chemical resistance, including isopropyl alcohol
- Suitable for heavy-duty cleaning applications









- **Benefits & Features:** • Ideal in maintenance or sanitation applications
- Protects against a wide range of chemicals, including isopropyl alcohol
- ANSELL GRIP Technology for superior handling of wet or dry parts EN ISO 374-1: EN ISO 374-5

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# **DID YOU KNOW?**

Ansell is committed to keeping you informed of the regulatory changes in hand protection safety standards. With recent changes to the ANSI ISEA 105 and EN ISO 374 standards, our intent is to keep you "Well Informed, Well Protected & Well Ahead" with our various educational tools, our comprehensive product portfolio, and our supporting experts to ensure that we deliver compliance with our glove range.

# **BODY PROTECTION**



#### **Benefits & Features:**

- Offers superior dirt, dust and dry particulate protection for medium-duty applications such as trimming, shredding, packaging, and sanitation tasks not involving liquids
- Breathable SMS fabric with serged seams. Proven to filter 100% of particles <3 microns</li>
- Water vapour permeable to help reduce heat stress



\lphaTec<sup>©</sup> 68-2000

#### **Benefits & Features:**

- Moisture vapor permeable fabric reduces risk of heat stress
- Key applications include pharmaceutical, agricultural, paint spraying, clean environment, crime scene investigation and veterinary and food processing
- Low linting and silicone free
- Available in multiple model configurations and a broad selection of accessories

Size	VWR Cat. No.			
MICRO	MICROFLEX® LIFESTAR EC™ LSE-104			
S	76201-712			
М	76201-714			
L	76201-702			
XL	76201-704			
XXL	76201-706			
3XL	76201-708			
MICROFLEX® COBALT™ N19				
XS	75841-204			
S	89500-618			
М	89500-620			
L	89500-622			
XL	89500-624			
M	IICROFLEX® Ultraform™			
XS	89235-576			
S	89235-578			
М	89235-580			
L	89235-582			
XL	89235-584			
	MICROFLEX® XCEED®			
XS	89174-538			
S	89174-540			
М	89174-542			
L	89174-544			
XL	89174-546			
М	MICROFLEX® BLAZE™ N48			
S	89500-608			
М	89500-610			
L	89500-612			
XL	89500-614			

Size	VWR Cat. No.			
MICROFLEX® Sensation™ N73				
xs	10159-898			
S	10159-900			
М	10159-902			
L	10159-904			
XL	10159-906			
BioClean™ Excell BEXS				
6	75972-598			
6.5	75972-600			
7	75972-602			
7.5	75972-604			
8	75972-606			
8.5	75972-608			
9	75972-610			
10	75972-596			
	HyFlex® 11-318			
6	10769-420			
7	10769-494			
8	10769-496			
9	10769-498			
10	10769-500			
11	10769-502			
	HyFlex® 11-541			
6	10002-004			
7	10002-074			
8	10002-076			
9	10002-078			
10	10002-080			
11	10002-082			

Size	VWR Cat. No.		
	HyFlex® 11-800		
6	76245-938		
8	76237-830		
9	76237-832		
10	76237-826		
11	76237-828		
AlphaTec® 58-735			
6	76170-080		
7	76170-082		
8	76170-084		
9	76170-268		
10	76170-270		
11	76170-272		
	ActivArmr® 97-681		
8	76196-270		
9	76196-272		
10	76196-274		
11	76196-276		
Al	phaTec® Solvex® 37-185		
7	76169-828		
8	76169-830		
9	76169-832		
10	76169-834		
11	76169-836		

Size	VWR Cat. No.		
AlphaTec® 58-535B			
7	76218-514		
8	76218-516		
9	76218-518		
10	76218-544		
11	76218-546		
AlphaTec® 68-1500			
S	10836-090		
М	10836-092		
L	10836-094		
XL	10836-096		
XXL	10836-098		
3XL	10836-100		
4XL	10836-104		
5XL	10836-106		
	AlphaTec® 68-2000		
S	10836-358		
М	10836-360		
L	10836-362		
XL	10836-364		
XXL	10836-366		
3XL	10836-368		
4XL	10836-370		
5XL	10836-372		

# **DID YOU KNOW?**

Before handling vegetation, isopropyl alcohol (IPA) is often applied to sanitize a worker's gloves to protect the product and reduce possible cross contamination. If a worker isn't wearing adequate hand protection, the IPA can permeate through the glove and absorb into the worker's skin, leading to irritation and dermatitis with prolonged exposure. Be sure to check the glove's Chemical Permeation Breakthrough Time (BTT)<sup>1,2</sup> against isopropyl alcohol to ensure protection is suitable for splash resistance. MICROFLEX® LIFESTAR EC™ gloves can remain in continuous contact with IPA up to 136 minutes and are an excellent choice for splash protection.

### ANSELLGUARDIAN®: MAXIMIZING SAFETY AND PERFORMANCE

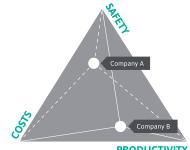
# Ansell GUARDIAN®

#### **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.

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





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

**PRODUCTIVITY** 

#### 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. 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.



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DISCLAIMER Recommendations made in this note 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.

WARNING: No glove provides complete protection against cuts, abrasions or chemicals. Users should test the suitability of Ansell products for a particular purpose, for use within a particular environment or against particular chemicals. WARNING: Natural Rubber Latex may cause allergic reactions in sensitive individuals.





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