



**Ansell**

## **WAREHOUSING & LOGISTICS**

---

**Hazards & Solutions**

**[ansell.com](https://www.ansell.com)**



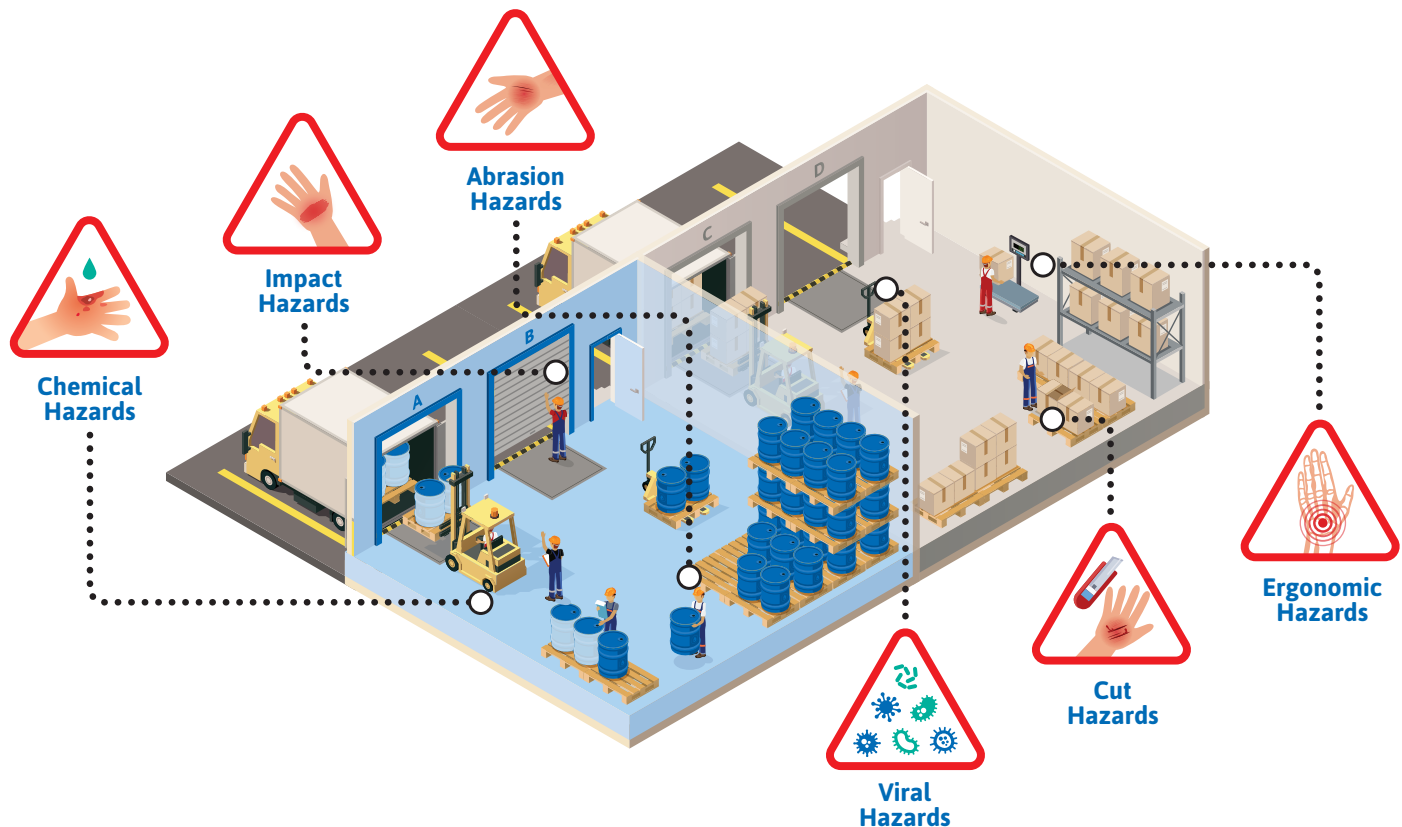
## WAREHOUSING & LOGISTICS



From distribution centers to cold storage facilities and dry goods stores, warehousing involves the temporary storage of goods in the supply chain. Whether handling sharp objects or lifting and handling boxes, workers are exposed to different hazards each day. The U.S. Bureau of Labor Statistics recorded an average of 5 out of every 100 warehouse and storage workers report injury or illness due to working conditions.<sup>1</sup>

Ansell is the ideal safety partner when identifying hazards and injury risk associated with each task and equipping warehouse workers with the right solution from our extensive portfolio of hand and body protection. Whether facing risk of cut, impact, abrasion or other hazards, Ansell can help reduce on-the-job injury and deliver the **comfort, performance** and **protection** needed to keep warehouse workers safe and productive throughout the day. At Ansell, we go beyond regulatory compliance, offering a diverse product portfolio tailored to the warehousing industry to protect against the specific hazards these workers face while also improving overall safety and productivity.

### Primary Hazards in Warehousing<sup>2</sup>



1. <https://safetyculture.com/topics/warehouse-safety/#:-:text=To%20ensure%20warehouse%20safety%2C%20it,during%20conveyor%20maintenance%20and%20repairs.>  
2. <https://safetyresourcesblog.files.wordpress.com/2014/10/warehousing-and-storage-a-guide-to-health-and-safety.pdf>



## WAREHOUSING & LOGISTICS HAZARDS & SOLUTIONS

From dealing with lifts and handling sharp objects, to working in extreme environments, warehousing can be a complex setting to safely navigate. When people and machines come together in one place, there is a potential for injury. To ensure worker safety, it is important to understand some of the common hazards warehousing workers face in their daily jobs and the available protection options.

### ABRASION PROTECTION

When working in warehousing, grip and abrasion resistance are essential to hand safety. A compromised grip can lead to an occupational hazard. If a glove isn't providing the necessary grip, workers may opt to remove their gloves and expose their hands to significant abrasion risks and other hazards. Workers sustain approximately a quarter of a million serious injuries to fingers, hands and wrists each year. According to the Bureau of Labor Statistics and OSHA, wearing a glove reduces the risk of a hand injury by 27%. That is why at Ansell, we ensure worker safety through constant innovations and technologies such as ANSELL GRIP™ Technology; which is a coating treatment that minimizes the force required to grip dry, oily and wet tools or materials, relieving hand and arm strength caused by poor grip.



#### HyFlex® 11-840

Outstanding durability and unmatched comfort. Longer lasting handling in abrasive conditions. Proprietary ANSELL GRIP™ Technology enhances flexibility and grip. Nylon and spandex liner improves breathability and range of movement.



#### HyFlex® 11-819 ESD

The perfect combination of comfort and dexterity with ESD/touchscreen compatibility. Ultra-thin coating provides increased sensitivity for precision tasks and Ansell FORTIX™ Abrasion Resistance Technology provides long-lasting protection in abrasive environments.



#### HyFlex® 11-727

Excellent abrasion resistance and high-level cut protection with a flexible fit. Light, seamless liner keeps hands cool and dry.



#### HyFlex® 11-818

The Ansell FORTIX™ foam coating lasts longer than comparable styles under abrasive conditions, reducing the total cost of ownership. Liner provides a comfortable “second skin” feel.



*Note: Product availability may vary. These styles serve as examples only. For tailored recommendations for your unique needs and applications, please request an AnsellGUARDIAN® assessment.*



## ERGONOMIC PROTECTION

The most common cause of injuries in warehouse facilities involves incorrect manual lifting and handling. Repetitive movements, along with incorrect postures and overexertion, can cause musculoskeletal disorders like carpal tunnel syndrome. Gloves designed with ERGOFORM™ Ergonomic Design Technology offer an exceptionally comfortable fit and support musculoskeletal health which reduces the risk of injuries caused by prolonged and repetitive hand movements.



### HyFlex® 11-931

Palm-coated cut resistance that repels oil and liquid combined. Reinforced thumb crotch extends glove life.



### HyFlex® 11-816

Ultra-thin ergonomic design improves fingertip sensitivity for extreme comfort and a barehand feel while performing precision tasks.



### HyFlex® 11-937

Enhanced durability with 18-gauge design for high-level dexterity and all-day comfort.



### HyFlex® 11-840

Outstanding durability and unmatched comfort. Longer lasting handling in abrasive conditions. Proprietary ANSELL GRIP™ Technology enhances grip. Nylon and spandex liner improves breathability and range of movement.



### HyFlex® 11-812

Patented knitted design allows the glove to easily tear at multiple high-risk areas to minimize the risk of entanglement in rotating tools. Provides excellent tactility to grab even the smallest parts.



### HyFlex® 11-939

Lightest-weight durable solution with multi-risk cut, oil and liquid protection. 18-gauge design for enhanced dexterity and high-level comfort.



### MICROFLEX® XCEED™ XC-310

Extremely durable thin mil disposable nitrile glove for extra durability while maintaining tactility.



### MICROFLEX® Ultraform™ UF-524

Comfortable, ultra-thin nitrile glove that offers affordable protection with unparalleled tactility.



### MICROFLEX® Neogard™ C52

Thin and tactile neoprene disposable glove with textured finish for exceptional grip in wet or dry conditions.

*Note: Product availability may vary. These styles serve as examples only. For tailored recommendations for your unique needs and applications, please request an AnsellGUARDIAN® assessment.*



# CUT PROTECTION

Workers in warehousing are exposed to cuts and bruises while handling boxes, using tools, and coming in contact with sharp objects and edges. Cut and puncture injuries are likely to occur. Selecting the right PPE with the appropriate features such as INTERCEPT™ Cut Resistance Technology is highly important. INTERCEPT™ is a specialized knitting technology which blends engineered, synthetic and natural fibers into high performance yarns that provide high cut protection with exceptional comfort and dexterity.



## HyFlex® 11-518

Ultra-light with barehand-like tactility and dexterity. Soft and strong liner with Dyneema® Diamond Technology fiber. Resilient PU coating for high abrasion resistance.



## HyFlex® 11-738

Ultra-strong fibers provide extreme resistance against cuts and burrs. Reinforced thumb crotch increases protection and extended use life. Made with water-based polyurethane for enhanced comfort and dexterity.



## HyFlex® 11-541

With a form-fitting, ultra-lightweight feel, this glove is ideal for applications where workers have traditionally guarded against cut risks with heavier styles that limit their dexterity and breathability.



## HyFlex® 11-542

INTERCEPT™ Technology provides high levels of protection against cuts and lacerations. Also provides high abrasion resistance and protection from intermittent heat contact.



## HyFlex® 11-644

INTERCEPT™ Technology for enhanced cut protection to provide confidence while working with sharp objects. Allows for longer wear due to low palm weight and excellent abrasion resistance.

## HyFlex® 11-280/281



## HyFlex® 11-280

Excellent cut protection with a soft and cool feel, making it the best choice for all-day comfort. Seamless design with INTERCEPT™ Technology. Engineered to perform in combination with any HyFlex® cut-resistant glove.



## HyFlex® 11-281



Note: Product availability may vary. These styles serve as examples only. For tailored recommendations for your unique needs and applications, please request an AnsellGUARDIAN® assessment.



## IMPACT, CRUSH & PINCH PROTECTION

When maintaining and operating machinery with rotating and pneumatic parts, such as forklifts and conveyors, workers are faced with the risk of crush and pinch injuries to their hands. Even easy tasks, such as shutting a truck door, can end up in a pinch point injury. Ensuring workers consistently wear the proper hand protection throughout the day can reduce the risk of accidents and incidents.



### RINGERS R-161

High visibility impact protection with synthetic red leather padded palm and touchscreen compatibility for comfort and ease-of-use. Excellent for all-day warehousing tasks with larger industrial parts in high traffic settings.



### RINGERS R-163

Impact protection for general use or maintenance of warehouse machinery and loading equipment. Synthetic leather padded palm and touchscreen compatibility for comfort and ease-of-use.



### RINGERS R-167

Certified impact protection with A3 cut resistance for versatile and complete protection in any warehousing environment. Features comfortable padded synthetic leather palm and touchscreen compatibility for technology interaction.



### RINGERS R-065

Innovative combination of certified impact and 360° cut protection combined with superior dexterity. Touchscreen compatibility provides versatility and ultimate comfort allows extended wear in a variety of end uses.

*Note: Product availability may vary. These styles serve as examples only. For tailored recommendations for your unique needs and applications, please request an AnsellGUARDIAN® assessment.*

## CHEMICAL PROTECTION

Maintaining a warehouse may require cleaning with hazardous chemicals. Depending on the types of products in storage, some workers may also face exposure to chemicals when moving or storing goods. Workers need thick, non-porous PPE that will prevent liquids from leaking inside and touching the skin, with the durability to withstand scrubbing and sharp corners.



AlphaTec®  
37-300



AlphaTec®  
37-310



AlphaTec®  
37-320

### AlphaTec® 37-300/310/320

Nitrile protection against light acids, greases, oils and liquids. Latex-free formulation provides all-day comfort and reduces the risk of allergies. Exceptional value.



### AlphaTec® Solvex® 37-155

High performance nitrile compound providing an outstanding combination of chemical resistance and strength for optimal results in wet or dry work environments.



### TouchNTuff® 92-600

The world's leading disposable glove for chemical splash protection. Renowned for superior comfort and durability with a smooth, comfortable feel.



### MICROFLEX® 93-260

Three-layer design for superior protection against harsh chemicals. Nitrile and neoprene offer broad resistance to acids, bases and solvents. Disposable glove with 12" length.



### AlphaTec® FR Coverall 66-677

Exceptional liquid chemical splash protection. White Nomex® inner with breathable GORE® membrane and blue Nomex® outer.

*Note: Product availability may vary. These styles serve as examples only. For tailored recommendations for your unique needs and applications, please request an AnsellGUARDIAN® assessment. Or use our self-service AnsellGUARDIAN® Partner tool to search our extensive chemical permeation and degradation data to identify the appropriate hand and body protection for the chemicals you use.*



# VIRAL PROTECTION

As a result of COVID-19, workplaces must consider the need to protect against the spread of illness and viral infection. Ansell offers a wide range of solutions that comply with the World Health Organization's guidance regarding infection prevention and control. In order to make an informed decision, product purchasers and users should stay informed of the latest and most complete information regarding appropriate PPE to protect against COVID-19 and other viruses in their specific environments and applications.



## **MICROFLEX® MidKnight™ MK-296**

Black nitrile examination grade disposable glove offers tough protection. Fully textured for a confident grip.



## **MICROFLEX® Supreno™ SE SU-690**

Advanced barrier protection against contaminants with a durable nitrile formulation. A sturdy glove ideal for long wear times. Examination grade.



## **MICROFLEX® Cobalt™ N19**

Multi-purpose medical exam grade nitrile glove offers consistent comfort and durability to workers across a wide range of industries.



## **HyFlex® 11-100**

The only industrial glove designed with Ionic+™, an EPA-registered antimicrobial technology. The gloves include self-sanitizing 360° antimicrobial protection of both the liner and coating and is also touchscreen compatible for use with a wide range of devices.



## **AlphaTec® 2000 Ts Plus Model 111**

Guards against liquids and particulate biological hazards. Certified according to the EN 14126 standard to protect against infective agents such as bacteria, fungi and viruses and ASTM F 1671.



## **AlphaTec® Solvex® 37-175**

Tested and certified for protection against viruses according to the EN ISO 374-5 VIRUS standard. Rugged chemical resistance with superior snag, puncture and abrasion resistance.



## **AlphaTec® Solvex® 37-676**

Tested and certified for protection against viruses according to the EN ISO 374-5 VIRUS standard. High performance, latex-free formulation provides chemical resistance in wet or dry work environments.



## **MICROFLEX® Ultraform™ UF-524**

Medical exam grade, thin nitrile glove reliably protects hands while offering exceptional tactility for jobs requiring fine motor control.



## **MICROFLEX® Diamond Grip™ MF-300**

Durable latex disposable glove with enhanced finger thickness for extra protection. Textured fingertips for a confident grip. Examination grade.



## **AlphaTec® 87-208**

Tested and certified for protection against viruses according to the EN ISO 374-5 VIRUS standard. 29 mil thickness delivers added protection. Diamond surface texture provides superior grip.



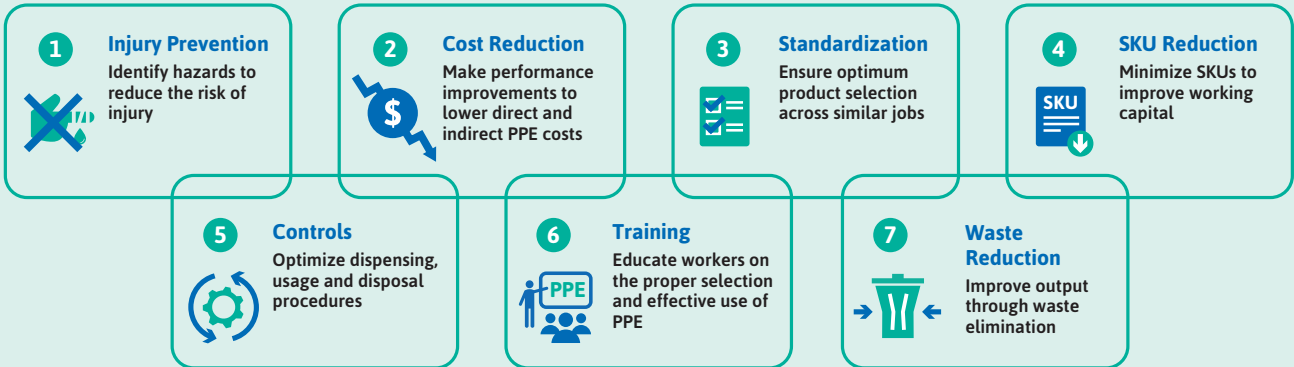
## **AlphaTec® 87-224**

Tested and certified for protection against viruses according to the EN ISO 374-5 VIRUS standard. Thick liner delivers durable protection. Diamond surface texture provides superior grip.

*Note: Product availability may vary. These styles serve as examples only. For tailored recommendations for your unique needs and applications, please request an AnsellGUARDIAN® assessment. Gloves not labeled "examination grade" are not designed for use in medical or patient care settings.*



Ansell**GUARDIAN**<sup>®</sup> is our consultative service to help companies select and implement the right personal protective equipment solutions to improve safety, increase productivity and reduce costs. Using our 125 years of experience, proprietary software system and database of over 30,000 chemicals, we analyze PPE needs and identify the solutions that will work best for each company’s unique risks and applications. As an industry pioneer with the most advanced technology and analytics, we have evaluated and implemented best business practices in over 15,000 facilities worldwide, reducing injuries and saving companies a total of \$165M. Ansell**GUARDIAN**<sup>®</sup> assessments address 7 functional areas:



**Get Started Today**

There’s no cost for an Ansell**GUARDIAN**<sup>®</sup> assessment. Learn how we can help you reduce injuries, improve productivity and lower costs. Contact your local Ansell Sales Representative or Customer Service Representative today.

**ABOUT ANSELL**

As a global leader in personal protective solutions with over 125 years of experience in keeping people safe, Ansell’s mission is to provide innovative and reliable solutions for safety, well-being and peace of mind to workers around the world. Our global team of more than 12,000 people in 55 countries design, manufacture and market cutting edge PPE that millions of workers in industrial and healthcare settings rely upon every day. We offer a comprehensive portfolio of hand and body protection products and provide customers with tailored solutions to meet their unique needs across a wide range of industries and applications.

**ANSELL HEALTHCARE PRODUCTS LLC**

111 Wood Avenue South,  
Suite 210  
Iselin, NJ 08830, USA  
T: +1-800-800-0444

**ANSELL CANADA INC**

105 Lauder  
Cowansville, QC,  
J2K 2K8 Canada  
T: +1-800-363-8340

Except as noted, Ansell, <sup>®</sup> and <sup>™</sup> are trademarks owned by Ansell Limited or one of its affiliates. Viton<sup>®</sup> and Nomex<sup>®</sup> are trademarks of DuPont used for informational purposes only. US Patented and US and non-US Patents Pending: [www.ansell.com/patentmarking](http://www.ansell.com/patentmarking) © 2020 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user’s selection of gloves for a specific application.

**WARNING:** 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 vibration resistance, “abrasion resistance” or “abrasion protection” do not completely prevent or eliminate the potential for vibration or 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 flames are not “fireproof” 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. Products containing natural rubber latex may cause allergic reactions in some individuals. Products that provide “impact, crush and pinch protection” do not completely eliminate the potential for impact or crush related injuries. 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. ANSELL DISCLAIMS ALL WARRANTIES OTHER THAN AS EXPRESSLY PROVIDED.