

PROTECTION SOLUTIONS

GUIDE



Protecting workers in all of their activities, no matter where they are or which industry they work in. That is what we do.



Every day workers in diverse industries around the world put on personal protective solutions. They place their safety in our hands as they rely on Ansell's high-performance products to protect their hands and bodies, preserve their comfort and contribute to their overall well-being.

With over 125 years of experience, we take our customers' trust extremely seriously. Through dedicated R&D, extensive testing and the use of advanced new technologies, we work continuously to enhance the performance and comfort of our product portfolio and ensure that our solutions are performing against the most recent standards and compliant to the new Regulation.

Ansell Guardian®, our proprietary service, helps companies to select the right personal protective equipment solution to improve their safety, productivity and overall business performance.

Our valued customers are driving our leading global position in hand, arm and body protection. We strive to deliver optimal solutions to them that safeguard the health and livelihoods of their workers. A commitment to continuous improvement of products and services enables us to become the preferred supplier in Europe, the Middle East, Africa and beyond.

In this brand-new catalogue we proudly present our full range of chemical, liquid and mechanical protection solutions for hand, arm and body, including over 50 newcomers. The recent simplification of our portfolio around our key brands ActivArm®, AlphaTec®, EDGE®, HyFlex®, MICROFLEX® and TouchNTuff® will enable you to select the most suited protection solution more easily and is also a testament to the pride we have for our brands.

In addition to this comprehensive product overview, our sales and customer service teams will be delighted to provide expert know-how and advice, explaining how our solutions support to improve your organisations' safety, productivity and cost performance in the best possible way.

Enjoy your journey through our world of protection!

Kind regards,

A handwritten signature in black ink, appearing to read 'Rikard Froberg'.

Rikard Froberg
Chief Commercial Officer EMEA-APAC &
Global Ansell Guardian®

ANSELL

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

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Ansell

A WORLD LEADER IN PERSONAL PROTECTION SOLUTIONS

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



No. 1 or 2 position
in all key segments globally



Provide protection solutions to
more than 25 specific industries



Sell **10 billion+** gloves
per year



Average medical professional personally
wears nearly **1,200 pairs of Ansell gloves**
per year



Protect more than
10 million workers each day



Over **100 new product**
launches in the last 2 years

Dedicated to safety

Ansell has been protecting people for over 125 years. We have created specialised teams to focus on the personal protection needs of workers in many industries. Our employees are dedicated to developing solutions that are based on the hazardous conditions that workers face on the job every day.

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



12,000
Employees

200



R&D employees worldwide
in 10 R&D Innovation Centers



\$1.4
Billion sales



Map Key

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



52
Facilities

1893



Founded in
Australia

What's the process?

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



Proof points

Experience: More than 12,000 assessments conducted since 2010.

Results: Since July 2014, our recommendations have resulted in injury reductions on an average of 65%, customers have decreased product styles by an average of 25%, and we have saved companies a total of \$148 million, a \$65,000 average.

Global: We operate in more than 55 countries.

Technology: Industry pioneer with the most advanced and proprietary technology and analytics.

Our operating principles

Partnership: While supplying safety solutions, we share our expertise to analyse, benchmark, implement and improve PPE-related operations and performance.

Adaptation: No matter what business, industry or application, we tailor and adapt solutions based on data-driven analytics.

Transformation: Full implementation of our recommendations to ensure the success of PPE change management initiatives.

Safety and Compliance

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



Reduced injuries by 65%*



Reduced 6,400 major recordable injuries*



Reduced 9,200 first-aid injuries*

Productivity

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



Decreased 2,100 references*



Decreased product styles by 25%*



Decreased SKUs by 10%*

Costs

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



24% cost decrease by standardisation*



\$6.24 million savings in injury reduction*



\$148 million total savings*

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

Ansell **GUARDIAN**®

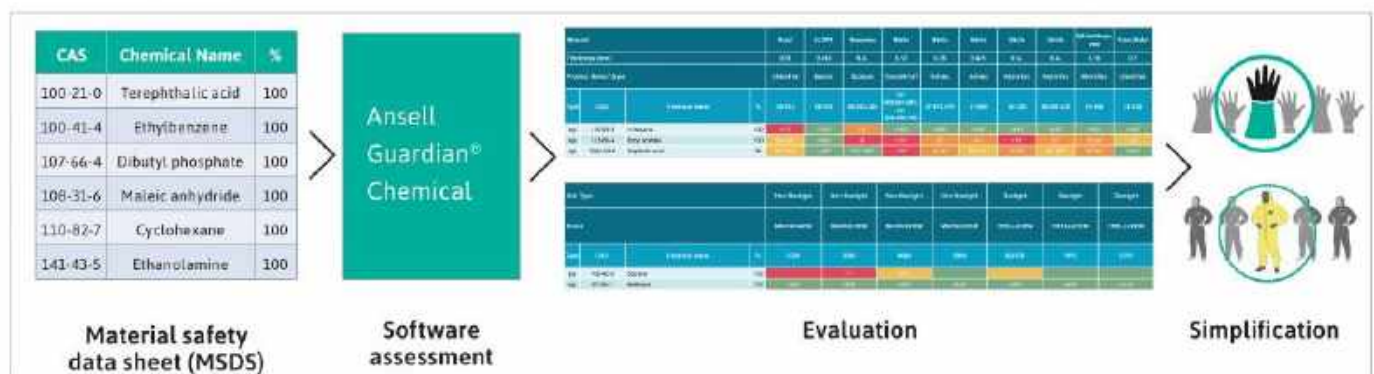
CHEMICAL GLOVE AND SUIT SELECTION SIMPLIFIED

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



How Ansell Guardian® Chemical works

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



Your benefits

Safety

Performance

Compliance

An optimal solution for selecting the right chemical glove and suit

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

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

ANSELL GUARDIAN® PERSONALISED CHEMICAL ASSESSMENT ANYTIME

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

Gloves

| Material | | | | Butyl | LDPE | Nacprene | NBR | NBR | NBR | NBR | NBR | NBR/Neoprene | Viton Butyl | Permeation Breakthrough Times (min) |
|----------------------|-----------|----------------|-----|---------|---------|------------|------------|------------|------------|------------|------------|--------------|-------------|-------------------------------------|
| Thickness (mm) | | | | 0.35 | 0.552 | N/A | 0.12 | 0.38 | 0.625 | N/A | N/A | 0.18 | 0.2 | |
| Product Name / Style | | | | ChemTek | Barrier | Scorpio | TouchATuff | SolveX | SolveX | AlphaTec | AlphaTec | MicroTex | ChemTek | |
| Type | CAS | Chemical name | % | 10-114 | 10-166 | 90-332-354 | 90-332-354 | 90-332-354 | 90-332-354 | 90-332-354 | 90-332-354 | 90-332-354 | 90-332-354 | |
| sgl | 110-84-0 | n-Hexane | 100 | <10 | <10 | 30 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| sgl | 125-05-4 | Butyl acetate | 100 | <10 | <10 | 8 | <10 | 20 | 44 | <10 | 20 | 25-30 | 20 | <10 |
| sgl | 7564-93-9 | Sulphuric acid | 99 | <10 | <10 | 240-480 | <10 | 30-60 | 30-60 | 30-60 | 30-60 | 30-60 | 30-60 | <10 |

Clothing

| Sub-Type | | | | Non-Gaslight | Non-Gaslight | Non-Gaslight | Non-Gaslight | Gaslight | Gaslight | Gaslight | Permeation Barrier Performance |
|----------|----------|---------------|-----|--------------|--------------|--------------|--------------|-----------|-----------|-----------|--------------------------------|
| Brand | | | | MICROGARD | MICROCHEM | MICROCHEM | MICROCHEM | TRELLCHEM | TRELLCHEM | TRELLCHEM | |
| Type | CAS | Chemical name | % | 200 | 300 | 400 | 500 | 600 | 700 | 800 | |
| sgl | 100-42-5 | Styrene | 100 | <10 | <10 | 30 | <10 | <10 | <10 | <10 | <10 |
| sgl | 67-56-1 | Methanol | 100 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |

Permeation breakthrough times - BT_{1.0}

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

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

NEW DIGITAL SOLUTION

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

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



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

* Source: Ansell Guardian chemical database since 2014.

FINDING THE RIGHT PPE SOLUTION WITH THIS GUIDE













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

Step 1 – Choose the type of protection

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






























Step 2 – Identify the risk

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

| Protection type | Protection category | Protection segment | Page |
|---|---|--|------|
| HAND AND ARM PROTECTION  | Mechanical protection |  Multi-purpose | 27 |
| | |  Cut protection | 46 |
| | |  Oil-repellent | 79 |
| | |  Special purpose | 92 |
| | Chemical and liquid protection | Chemical solutions | 112 |
| | | Single use solutions | 146 |
| Protection type | Protection category | Protection segment | Page |
| BODY PROTECTION  |  Gas and vapour protection | Limited/single use | 178 |
| | | Re-usable | 179 |
| |  Ventilated/air-fed protection | Limited/single use | 191 |
| | | Re-usable | 193 |
| |  Liquid spray and splash protection | Limited/single use | 196 |
| | | Re-usable | 208 |
| |  Particulate or low hazard liquid protection | Limited/single use | 212 |
| |  Chemical flame retardant protection | Limited/single use | 230 |
| |  Diving protection | Re-usable | 233 |

INDUSTRY ICON LEGEND

For every product, check the icons below to find out the recommended industries. You can also consult our industry guide which provides a selection of products per industry (p. 239).

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

BRANDS

Our brand portfolio is composed of six core brands: ActivArm[®], AlphaTec[®], EDGE[®], HyFlex[®], MICROFLEX[®] and TouchNTuff[®]. Product offerings are comprised of versatile hand, arm and body protection solutions that provide superior comfort, performance and protection, no matter what industry or application. Consult our product index to view all products classified by brands (p. 254).

| Brand | Category | Positioning | Features and benefits |
|-------------------------------|--|--|---|
| ACTIVARM[®] | Specialised protection | ActivArm [®] gloves and safety wear provide protection for risky applications in extreme conditions. | <ul style="list-style-type: none"> Multiple segments <ul style="list-style-type: none"> Thermal protection Impact protection High-risk applications |
| AlphaTec[®] | Chemical & liquid protection | AlphaTec [®] gloves and clothing provide complete assurance in chemical-risk environments. | <ul style="list-style-type: none"> Chemical protection Multi-hazard protection technology Wide selection of materials and polymers Supported and unsupported gloves Multi-duty selection Wet/dry grip options for gloves |
| EDGE[®] | Mechanical, chemical & product/worker protection | EDGE [®] gloves provide dependable, functional and affordable solutions. | <ul style="list-style-type: none"> Mechanical protection Chemical and liquid protection |
| HyFlex[®] | Mechanical Protection | HyFlex [®] gloves and sleeves empower workers to perform safely and productively when faced with industrial risks. | <ul style="list-style-type: none"> Multiple segments <ul style="list-style-type: none"> Cut protection Multi-purpose Oil protection Engineered for comfort |
| MICROFLEX[®] | Product & worker protection | MICROFLEX [®] disposable gloves go beyond protection to take worker comfort, performance and productivity to new levels through proprietary technologies that deliver improved grip, enhanced chemical resistance and ergonomic designs for a superior fit. | <ul style="list-style-type: none"> Increased barrier integrity (0.65 AQL on many styles) Enhanced strength and durability Dual certification (EN 455 Medical and PPE) on many gloves Wide polymer selection Range of colours and sizes |
| TouchNTuff[®] | Product & worker protection | TouchNTuff [®] disposable gloves provide superior tactility and resilience for work in industrial, lab and controlled environments. | <ul style="list-style-type: none"> Enhanced chemical splash protection Broad clean/sterile offering Silicone-free construction Wide polymer selection |

WORKER EXPERIENCE INNOVATION

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



Performance technologies

ANSELL GRIP™ Ansell Grip Technology

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



ERGOFORM™ Ergonomic Design Technology

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



FORTIX™ Abrasion Resistance Technology

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



Protection technologies

INTERCEPT™ Cut Resistance Technology

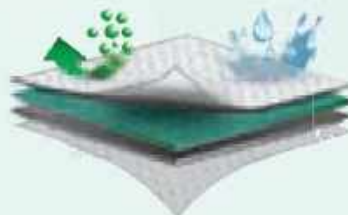
INTERCEPT™ Technology blends engineered, synthetic and natural fibers into high-performance yarns that provide high cut protection in targeted areas of cut risk, along with great comfort and high dexterity.



MICROCHEM™ Chemical Barrier Technology

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

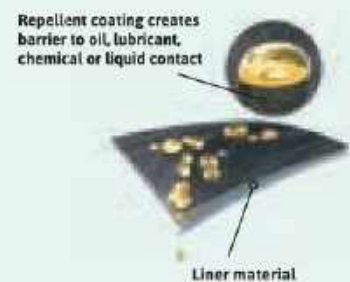
Multi-layer barrier to particulate, liquid and gaseous chemicals



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

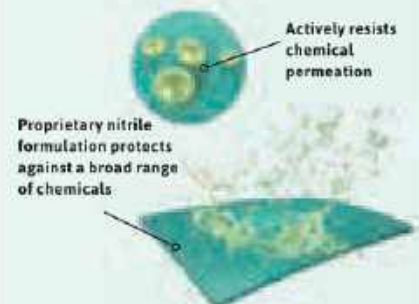
RIPEL™ Liquid Repellence Technology

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



TNT™ Chemical Splash Resistance Technology

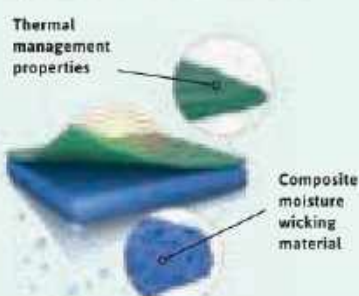
TNT™ Technology is a proprietary polymer formulation that provides superior splash resistance against a wide range of hazardous chemicals, for durable protection with a soft, comfortable feel.



Comfort technologies

AQUADRI™ Moisture Management Technology

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



ZONZ™ Comfort Fit Technology

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



OUR UNIQUE VEND-READY PACKAGING

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

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

Successfully placed in over 50,000 vending machines worldwide

Compatible with most leading vending machines including helix and carousel

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

Patent-pending folding technique assures consistent dispensing of product

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



Global support

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

A vending concept that benefits your business

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

LOOK FOR THE ICON

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



VENDING

OUR VEND-READY PORTFOLIO

| Brand and style | Coating material | Liner material | Sizes | Page |
|---------------------------------------|--------------------------------------|--|-----------------------------|------|
| Mechanical protection | | | | |
| Multi-purpose | | | | |
| HyFlex® 11-618 VP | Polyurethane | Nylon | 6, 7, 8, 9, 10, 11 | 30 |
| HyFlex® 11-800 VP | Foam nitrile | Nylon | 6, 7, 8, 9, 10, 11 | 34 |
| HyFlex® 11-812 VP | Foam nitrile | Nylon, Spandex | 6, 7, 8, 9, 10, 11 | 30 |
| HyFlex® 11-818 VP | Foam nitrile | Nylon, Spandex | 6, 7, 8, 9, 10, 11 | 29 |
| HyFlex® 11-840 VP | Foam nitrile | Nylon, Spandex | 5, 6, 7, 8, 9, 10, 11, 12 | 33 |
| HyFlex® 48-101 VP | Polyurethane | Nylon | 6, 7, 8, 9, 10, 11 | 36 |
| Cut protection | | | | |
| HyFlex® 11-425 VP | Water-based polyurethane and nitrile | Seamless liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 66 |
| HyFlex® 11-518 VP | Polyurethane | Nylon, Spandex, Dyneema® Diamond Technology | 6, 7, 8, 9, 10, 11 | 50 |
| HyFlex® 11-531 VP | Foam nitrile | Seamless plaited liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 51 |
| HyFlex® 11-537 VP | Foam nitrile | Seamless plaited liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 51 |
| HyFlex® 11-539 VP | Foam nitrile | Seamless plaited liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 51 |
| HyFlex® 11-541 VP | Foam nitrile | Seamless liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 49 |
| HyFlex® 11-724 VP | Polyurethane | Seamless liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 55 |
| HyFlex® 11-727 VP | Polyurethane | Seamless plaited liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 58 |
| HyFlex® 11-731 VP | Polyurethane | Seamless plaited liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 52 |
| HyFlex® 11-735 VP | Polyurethane | Seamless plaited liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 64 |
| HyFlex® 11-751 VP | Polyurethane | Seamless plaited liner with INTERCEPT™ Technology yarn | 6, 7, 8, 9, 10, 11 | 64 |
| HyFlex® 11-931 VP | Nitrile, Polyurethane | Dyneema® Diamond Technology, Nylon, Spandex | 6, 7, 8, 9, 10, 11 | 53 |
| HyFlex® 11-937 VP | Nitrile, Polyurethane | Dyneema® Diamond Technology, Nylon, Spandex | 6, 7, 8, 9, 10, 11 | 53 |
| HyFlex® 11-939 VP | Nitrile, Polyurethane | Dyneema® Diamond Technology, Nylon, Spandex | 6, 7, 8, 9, 10, 11 | 53 |
| EDGE® 48-701 VP | Polyurethane | HPPE, Nylon, Spandex | 6, 7, 8, 9, 10, 11 | 70 |
| EDGE® 48-705 VP | Polyurethane | HPPE, Nylon, Spandex | 6, 7, 8, 9, 10, 11 | 70 |
| HyFlex® 70-118 VP | | Kevlar® | Sleeve | 61 |
| ActivArm® 80-600 VP | Natural rubber latex | Kevlar® | 7, 8, 9, 10, 11 | 73 |
| Oil-repellent | | | | |
| HyFlex® 11-919 VP | Nitrile | Nylon | 6, 7, 8, 9, 10, 11 | 81 |
| HyFlex® 11-927 VP | Nitrile | HPPE, Nylon | 6, 7, 8, 9, 10, 11 | 86 |
| HyFlex® 11-947 VP | Nitrile | Seamless liner with INTERCEPT™ Technology yarn | 7, 8, 9, 10, 11 | 87 |
| Special purpose | | | | |
| HyFlex® 48-130 VP | Polyurethane | Carbon fibre, Nylon | 6, 7, 8, 9, 10, 11 | 94 |
| ActivArm® 78-101 VP | | Spandex, Thermolite® | 7, 9 | 102 |
| ActivArm® 80-813 VP | Foam neoprene | Glass fibre, Modacrylic, Kevlar® | 6, 7, 8, 9, 10, 11 | 98 |
| ActivArm® 97-011 VP | Nitrile | Acrylic, Polyester | 8, 9, 10, 11 | 105 |
| Chemical and liquid protection | | | | |
| AlphaTec® Solvex® 37-676 VP | Nitrile | Flocked | 7, 8, 9, 10, 11 | 119 |
| AlphaTec® Solvex® 37-695 VP | Nitrile | Flocked | 7, 8, 9, 10, 11 | 119 |
| AlphaTec® Solvex® 37-900 VP | Nitrile | Flocked | 7, 8, 9, 10, 11 | 121 |
| AlphaTec® 58-270 VP | Nitrile | Nylon | 6, 7, 8, 9, 10, 11 | 116 |
| AlphaTec® 58-330 VP | Nitrile | AQUADRI™ | 7, 8, 9, 10, 11 | 115 |
| AlphaTec® 58-530W VP | Nitrile | Nylon | 7, 8, 9, 10, 11 | 117 |
| AlphaTec® 58-535W VP | Nitrile | Nylon | 7, 8, 9, 10, 11 | 117 |
| TouchNTuff® 92-600 VP | Nitrile | Nitrile | 6.5-7, 7.5-8, 8.5-9, 9.5-10 | 154 |

COMPLYING WITH NEW PERSONAL PROTECTIVE EQUIPMENT REGULATION

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

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

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



Category I Minimal risk

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

Category II Risks other than those listed in Categories I and III

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



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

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

COMPLYING WITH OTHER REGULATIONS

Ansell and REACH

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

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

Authorised Economic Operator (AEO) certification

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

well INFORMED
well PROTECTED
well AHEAD

COMPREHENSIVE PROTECTION SOLUTIONS DRIVEN BY INNOVATION AND COMPLIANCE



#TrustAnsell

The New PPE Regulation (EU) 2016/425

The New Personal Protective Equipment (PPE) Regulation (EU) 2016/425 redefines the responsibilities for everyone involved in the supply chain. It is designed to improve traceability, reinforce market controls and deliver a more collaborative system for market surveillance. The new Regulation ensures the highest level of protection with the aim of removing dangerous PPE from the market.

Why should you trust Ansell?

As a leading global safety company with Personal Protective Equipment (PPE) regulatory expertise, our extensive experience in managing regulatory complexities gives us the added advantage in implementing the new regulation across Europe. Since 21st April 2019, Ansell has been well positioned to deliver newly produced Ansell products marked with the latest state-of-the-art standards.

➤ Find out more about the changes www.ansell.com/enresourcecenter

PPE REGULATION (EU) 2016/425


The new PPE Regulation (EU) 2016/425 aligns the interests and formalises the requirements of stakeholders across the PPE industry. The Regulation brings product developers and manufacturers, distributors and importers, and testers and certifiers into a community of professionals who are now collectively—and legally—responsible for ensuring the safety of PPE products.



ECONOMICAL OPERATOR Manufacturer

Directive 89/686/EEC
Before April 21st 2019

Regulation (EU) 2016/425
As of April 21st 2019

| Responsibilities: | Responsibilities / Changes: |
|---|---|
| Under the Directive, the manufacturer needed to ensure the products get certified, including: Not make PPE available in the market if the PPE is considered unable to meet the essential health and safety requirements Ensure the CE mark, the correct markings/claims, the IfU and the EU Declaration of Conformity "EU DoC" is available | <ul style="list-style-type: none"> • Ensure that the PPE is safe and safe for the intended purpose and compliant • Have procedures in place for series production to remain in conformity with the PPE Regulation • Take corrective actions in case of non-compliance and inform the competent authorities where PPE presents a risk • Cooperate with authorities in a language which can be easily understood by that authority • Indicate on the PPE or packaging their name and single point postal address • Ensure PPE bears a type, batch or serial number  MMYYYY • Carry out the conformity assessment, apply the CE mark and draw up the EU declaration of conformity "EU DoC" • Keep technical file + EU DoC available for 10 years after PPE is placed on the market • Ensure the PPE is accompanied with the Instructions for Use "IfU" and provide the EU DoC with the PPE or add the internet address to the IfU where the EU DoC can be accessed • Inform the competent authorities where PPE presents a risk • Where needed, carry out sample testing • Ensure that transport and storage does not jeopardise the PPE's conformity |



ECONOMICAL OPERATOR Importer

Directive 89/686/EEC
Before April 21st 2019

Regulation (EU) 2016/425
As of April 21st 2019

| Responsibilities: | Responsibilities / Changes: |
|-------------------------|---|
| No requirements defined | <ul style="list-style-type: none"> • Place only compliant PPE on the market • Inform the competent authorities where PPE presents a risk • Cooperate with authorities in a language which can be easily understood by that authority • Not make PPE available in the market if the PPE is considered not to meet the essential health safety safety requirements and, where needed, carry out sample testing • Ensure that transport and storage does not jeopardise the PPE's conformity • Indicate on the PPE or packaging their name and postal address (if manufacturer is outside EU) • Shall ensure the conformity assessment is carried out, the CE mark, the correct markings/claims and the EU declaration of conformity "EU DoC" is available • Shall ensure the PPE is accompanied with the Instructions for Use "IfU" |



ECONOMICAL OPERATOR Distributor

Directive 89/686/EEC
Before April 21st 2019

Regulation (EU) 2016/425
As of April 21st 2019



| Responsibilities: | Responsibilities / Changes: |
|-------------------------|--|
| No requirements defined | <ul style="list-style-type: none"> • Act with due care and verify that the PPE bears the correct markings and is accompanied by the required documents in a language that can be easily understood by the consumers • Not make PPE available in the market if the PPE is considered not to meet the essential health and safety requirements • Ensure that transport and storage does not jeopardise the PPE's conformity • Take corrective actions in case PPE is considered to be non-compliant and inform the competent authorities in case PPE presents a risk, hence the "traceability requirement" • Cooperate with authorities and provide all the information necessary to demonstrate compliance • Become responsible if they make alterations to incoming products |

GUIDE TO EUROPEAN STANDARDS FOR PROTECTIVE GLOVES AND SLEEVES

Ansell gloves and sleeves sold in Europe are being certified as per European Union's Personal Protective Regulation (EU 2016/425) and relevant state of the art EN standards, as also explained in this section.

EN 388 – Mechanical protection

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

| Performance level rating | | 1 | 2 | 3 | 4 | 5 | |
|--|--|--------------|-----|------|------|------|----|
|  EN 388:2003 | a Abrasion Resistance (Cycles) | 100 | 500 | 2000 | 8000 | – | |
| | b Blade Cut Resistance (Coupe Test/Index) | 1.2 | 2.5 | 5.0 | 10.0 | 20.0 | |
| | c Tear Resistance (Newtons) | 10 | 25 | 50 | 75 | – | |
| | d Puncture Resistance (Newtons) | 20 | 60 | 100 | 150 | – | |
| Expanded performance level rating according to EN 388:2016 (a-f) | | A | B | C | D | E | F |
|  EN 388:2016 | e EN ISO Cut Resistance (Newtons) | 2 | 5 | 10 | 15 | 22 | 30 |
| | f EN Impact Protection | PASS or FAIL | | | | | |

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

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

1. ABRASION

New abrasion paper used in testing.

2. CUT








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

3. IMPACT

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

EN ISO 374 – Chemical protection and/or protection against micro-organisms

This standard specifies the capability of gloves to protect the user against chemicals and/or micro-organisms.

| Micro-organisms | | | | | | | |
|---|--|--|---|--|----------|----------|----------|
|  EN level ≥ 2 | Performance levels | 1 | 2 | 3 | | | |
| | <p>Old: AQL (Acceptable Quality Level) for liquid penetration. A high index number is poor and a low index number is good. Gloves need to pass water and air leak test, and this test method remains unchanged as per the new EN ISO 374 standard.</p> <p>New: in addition to testing for protection from bacteria and fungi, each glove can be tested for its protection against viruses with a new viral penetration test. AQL requirement has been taken out of the new EN ISO 374-5:2016.</p> | 4.0 | 1.5 | 0.65 | | | |
|  VIRUS | | | | | | | |
| Chemical protection | | | | | | | |
|  XYZ | <p>Old: breakthrough time > 30 minutes for at least three chemicals from this list (XYZ represent the code letters for three of these chemicals for which the glove obtained > 30 minutes breakthrough time).</p> <p>New:</p> <p>Type C At least Level 1 performance (more than 10 minutes) against at least one chemical on the list – cuffs are also tested.*</p> <p>Type B At least Level 2 performance (more than 30 minutes) against at least three chemicals on the list – cuffs are also tested.*</p> <p>Type A At least Level 2 performance (more than 30 minutes) against at least six chemicals on the list – cuffs are also tested.*</p> | A. Methanol B. Acetone C. Acetonitrile D. Dichloromethane E. Carbon disulphide F. Toluene | G. Diethylamine H. Tetrahydrofuran I. Ethyl acetate J. n-Heptane K. Sodium hydroxide 40% L. Sulphuric acid 96% | | | | |
| |  Type C | | Additional chemicals M. Nitric acid 65% N. Acetic acid 99% O. Ammonium hydroxide 25% | P. Hydrogen peroxide 30% S. Hydrofluoric acid 40 % T. Formaldehyde 37% | | | |
| |  Type B | | | | | | |
|  Type A | | | | | | | |
|  UVWXYZ | | | | | | | |
| Performance level | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Minutes | < 10 | 10 | 30 | 60 | 120 | 240 | > 480 |

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

* Only if the glove is ≥ 40 cm

EN 420 – General requirements

This pictogram indicates that the user has to consult the 'instructions for use'.

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

EN 407 – Heat protection

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

EN 511 – Cold protection

| | Performance levels | 0 | 1 | 2 | 3 | 4 |
|--|--|-----------|-------------------|-------------------|-------------------|-----------|
| | A. Convective cold Thermal insulation ITR in m². °C/W | < 0.10 | 0.10 < < 0.15 | 0.15 < < 0.22 | 0.22 < < 0.30 | 0.30 < |
| | B. Contact cold Thermal resistance R in m². °C/W | R < 0.025 | 0.025 < R < 0.050 | 0.050 < R < 0.100 | 0.100 < R < 0.150 | 0.150 < R |
| | C. Water penetration test | Fail | Pass | - | - | - |

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

EN 421 – Radioactive contamination and ionising radiation

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

EN 60903 – Electrical insulating gloves

| | |
|--|--|
| | Gloves protecting from electrical voltage. |
|--|--|

EN 14605:2005+A1:2009

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

EN 14605:2005+A1:2009

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

ISO 18889 - This standard defines the performance requirements for gloves worn by operators when mixing, loading, applying and handling pesticides, as well as for re-entry workers.

| Classification | Performance levels | Chemical risks | Description |
|----------------|--------------------|---|--|
| | Level G1 | Low | For contact with diluted pesticides |
| | Level G2 | High | For contact with diluted and concentrated pesticides |
| | Level GR | Re-entry activities with partial protection | For dry contact or partially dry pesticide residue |
















*Re-entry = contact with a partially or fully dried pesticide product, as part of their work/employment, in an area that has previously been treated.

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

GUIDE TO EUROPEAN STANDARDS FOR CHEMICAL PROTECTIVE CLOTHING

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

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

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

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

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

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



HAND AND ARM PROTECTION

MECHANICAL PROTECTION
CHEMICAL AND LIQUID PROTECTION



KNOW YOUR GLOVES AND SLEEVES

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

Glove cuff style

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

Glove and sleeve construction

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

FIND THE RIGHT GLOVE SIZE

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

| | XXS | XS | S | M | L | XL | XXL | XXXL |
|---------------------------|--------|--------|--------|--------|--------|--------|------------|--------|
| Size | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Hand circumference | 137 mm | 152 mm | 178 mm | 203 mm | 229 mm | 254 mm | 279 mm | 295 mm |
| Cuff colour | Pink | Purple | Red | Yellow | Brown | Black | Light blue | Green |

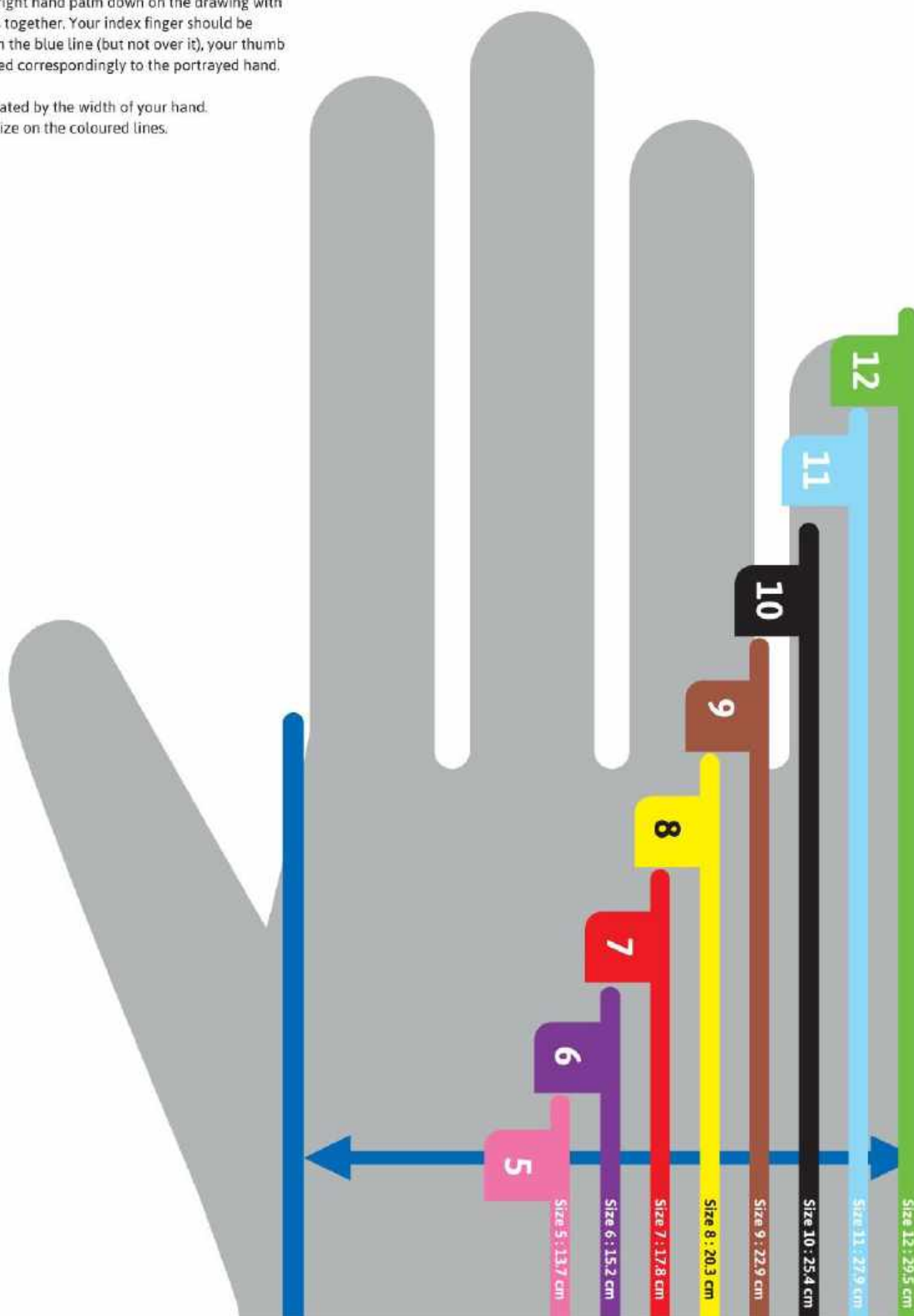


Note: This chart is intended to be used as a guide only.

CHECK YOUR GLOVE SIZE

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

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






MECHANICAL PROTECTION

MULTI-PURPOSE
CUT PROTECTION
OIL-REPELLENT
SPECIAL PURPOSE



FINDING THE RIGHT MECHANICAL PROTECTION SOLUTION

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

| Protection category | Protection segment | Duty level |
|---|---|-----------------------|
| MECHANICAL PROTECTION  | Multi-purpose Hand protection solutions for situations that demand increased versatility: varying degrees of protection, dexterity and grip for a wide range of applications. | LD Light duty |
| | | MD Medium duty |
| | | HD Heavy duty |
| | Cut protection The right level of cut protection and comfort for your hands and arms, regardless of which minimal or maximum levels of protection are required when handling parts with sharp edges. | LD Light duty |
| | | MD Medium duty |
| | | HD Heavy duty |
| | Oil-repellent Multi-purpose or cut resistant gloves for safety and superior grip in moderately oily and slippery environments when handling small or sharp parts. | LD Light duty |
| | | MD Medium duty |
| | | HD Heavy duty |
| | Special purpose Maximum performance for jobs that require versatile properties including protection against: <ul style="list-style-type: none"> • Electrostatic discharge (ESD) • Vibration • Heat • Electric shock • Impact • Cold | LD Light duty |
| | | MD Medium duty |
| | | HD Heavy duty |

DETERMINE WHICH GLOVES OR SLEEVES BEST SUIT YOUR NEEDS

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

MECHANICAL PROTECTION

CUT PROTECTION

1

MD Medium duty

HyFlex® 11-724

2

CUT PROTECTION/MEDIUM DUTY

| | |
|------------------|---|
| Construction | Knit |
| Liner material | Superior line with INTERCEPT™ technology core |
| Coating material | Polyurethane |
| Finishing | Patented |
| Gauge | 35 |
| Cuff style | Open |
| Size | Small to Large |
| Length (cm) | 22 |
| Packaging | 22 gloves per bag, 22 bags per case |

3

INDUSTRIES

4

CATEGORY II

5

PERFORMANCE RATINGS

6

TECHNOLOGIES

7


FEATURES

8

DESCRIPTION

9

IDEAL APPLICATIONS



Excellent flexibility and fit with optimal cut protection

DESCRIPTION

- Lightweight knit with INTERCEPT™ technology yarns that provide EN 388 cut level II
- The patent-pending polyurethane (PU) coating provides enhanced grip in slightly oily environments for use in handling and offers the ultimate level of protection glove life
- The features an optimized Lycra® content that is soft and cool on the skin for all-day comfort
- Intended for special purpose

IDEAL APPLICATIONS

- Assembly of metal parts and components
- Light chain grease
- Maintenance
- Spring injection and molding
- Primary assembly

What to look for

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

LINER MATERIALS

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

COATING MATERIALS

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

MULTI-PURPOSE SOLUTIONS

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HyFlex® 11-816

MULTI-PURPOSE/LIGHT DUTY

FORTIX™ Technology for longer wear times in abrasive environments

Dermatologically tested, solvent-free and Oeko-Tex® certified for no harmful substances

Barehand-like tactility to handle parts easily



| | |
|------------------|---|
| Construction | Knitted |
| Liner material | Nylon, Spandex |
| Coating material | Foam nitrile |
| Finishing | Palm coated |
| Gauge | 18 |
| Cuff style | Knitwrist |
| Size | 6, 7, 8, 9, 10, 11 |
| Length (mm) | 219 - 261 |
| Packaging | 12 pairs in a bag; 12 bags in a carton |

The ideal balance of comfort, tactility and durability

DESCRIPTION

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

Remark: fit for special purpose

IDEAL APPLICATIONS

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES



Anti-static
ESD 1142



Latex-free

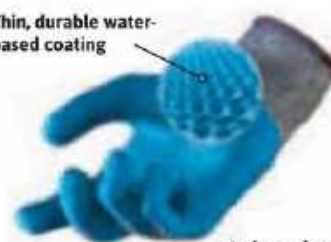


Solvent-free

TECHNOLOGIES



Thin, durable water-based coating



A clean glove free from solvents





HyFlex® 11-818

MULTI-PURPOSE/LIGHT DUTY

FORTIX™ Technology for longer wear times in abrasive environments

Extremely breathable for cooler hands and a more comfortable wear experience

Barehand-like tactility to handle parts easily



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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



TECHNOLOGIES

FORTIX™
Abrasion Resistance Technology

ZONZ™
Comfort Fit Technology

OEKO-TEX®
STANDARD 100
100% Cotton certified
Not for further processing
www.oeko-tex.com

EXTRA FEATURES



Barehand-like comfort and tactility with high durability

DESCRIPTION

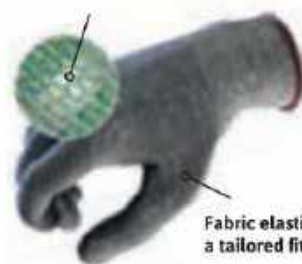
- Under abrasive conditions, the ultra-thin FORTIX™ nitrile foam coating provides longer continuous wear times, extends glove life and reduces total cost of ownership
- The FORTIX™ coating provides enhanced dry grip and is more breathable than earlier formulations, for cooler, drier hands and less sweat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

Remark: fit for special purpose

IDEAL APPLICATIONS

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

Open weave zones for ventilation and dexterity



Fabric elasticity for a tailored fit

ZONZ™
Comfort Fit Technology



HyFlex® 11-812

MULTI-PURPOSE/LIGHT DUTY

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES

Anti-static
ESD logo

Latex-free



Nitrile-free



ZONZ

TECHNOLOGIES



Designed to easily tear apart at multiple high risks areas

DESCRIPTION

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

Remark: fit for special purpose

IDEAL APPLICATIONS

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

HyFlex® 11-616/11-618/11-619

MULTI-PURPOSE/LIGHT DUTY

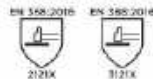
| | |
|------------------|---|
| Construction | Knitted |
| Liner material | Nylon |
| Coating material | Polyurethane |
| Finishing | Palm coated |
| Gauge | 18 |
| Cuff style | Knitwrist |
| Size | 6, 7, 8, 9, 10, 11 |
| Length (mm) | 195 - 245 |
| Packaging | 12 pairs in a bag; 12 bags in a carton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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS

11-616/
11-619

EXTRA FEATURES

Anti-static
ESD logo

ZONZ

11-618



HyFlex® 11-618



HyFlex® 11-616



HyFlex® 11-619

The reference for tactility, dexterity and flexibility

DESCRIPTION

- Almost like a second skin, these very thin gloves offer outstanding comfort, fit and tactility for the most delicate handling in dry or slightly oily environments
- Also ideal for applications where cotton gloves or no gloves at all are used despite the risk of scrapes, blisters and minor injuries
- In addition, the 11-616 and 11-618 dark liners are well-suited for environments that present a certain degree of dirt

Remark: fit for special purpose

IDEAL APPLICATIONS

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



HyFlex® 11-849

MULTI-PURPOSE/LIGHT DUTY

Dermatologically tested

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

Perfect fit for a optimal comfort
Spandex reinforcement and ergonomic design

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES



ANTI-STATIC

TECHNOLOGIES

ANSELL GRIP™
Ansell Grip Technology

FORTIX™
Abrasion Resistance Technology

OEKO-TEX®
STANDARD 100
100% Cotton
Made in Germany

Stay focused. We got your back covered.

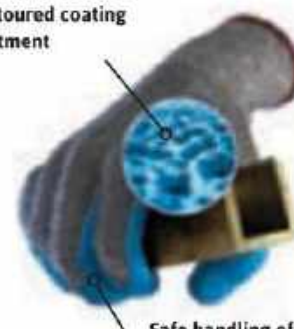
DESCRIPTION

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

IDEAL APPLICATIONS

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

Contoured coating treatment



Safe handling of tools and materials

Ansell

#madewithHyFlex

What makes a work day more productive?
Assured safety and compliance for exceptional
performance. HyFlex® gloves provide outstanding
comfort and superior durability for a safer and
more productive day at work.

HyFlex®. Create with confidence.

➤ www.ansell.com/madewithHyFlex

HyFlex®

HyFlex® 11-840

MULTI-PURPOSE/LIGHT DUTY

Ultimate durability for extended glove wear in abrasive applications

Form-fitting liner delivers excellent comfort and adjustment

Enhanced breathability
for cooler hands

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS EXTRA FEATURES



TECHNOLOGIES



Extreme durability and superior fit for precision handling in abrasive applications

DESCRIPTION

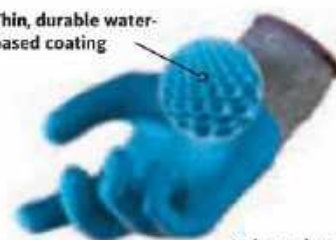
- The tough 1.25 mm patented FORTIX™ nitrile foam coating offers outstanding abrasion performance, extending durability in light duty applications
- The FORTIX™ coating is more breathable than earlier formulations, for cooler, drier hands and less sweat
- Matching the natural contours of the hand, the snug, second-skin liner is tailored to create a more comfortable wearing experience: at the base of the little finger (added comfort), across the fingertips (superior tactility), and through the palm (greater dexterity)
- With its balance of robust abrasion performance, enhanced comfort and high dexterity, the HyFlex® is an ideal solution for workers who move between tasks
- Silicone-free material means no transfer of silicone contaminants to metal parts prior to painting

Remark: fit for special purpose

IDEAL APPLICATIONS

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

Thin, durable water-based coating



A clean glove free
from solvents





HyFlex® 11-800

MULTI-PURPOSE/LIGHT DUTY

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES



TECHNOLOGIES



Improved design for enhanced breathability and comfort

DESCRIPTION

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

Remark: fit for special purpose

IDEAL APPLICATIONS

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

HyFlex® 11-801

MULTI-PURPOSE/LIGHT DUTY

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES



TECHNOLOGIES



Improved design delivers enhanced comfort in a dirt-masking colour

DESCRIPTION

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

Remark: fit for special purpose

IDEAL APPLICATIONS

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



HyFlex® 11-600/11-601/11-605

MULTI-PURPOSE/LIGHT DUTY

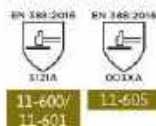
| | |
|------------------|--|
| Construction | Knitted |
| Liner material | Nylon |
| Coating material | Polyurethane |
| Finishing | 11-600/11-601: Palm coated 11-605: Fingertip coated |
| Gauge | 15 |
| Cuff style | Knitwrist |
| Size | 11-600/11-601: 5, 6, 7, 8, 9, 10, 11 11-605: 6, 7, 8, 9, 10 |
| Length (mm) | 11-600/11-601: 210 - 260 11-605: 195 - 235 |
| Packaging | 12 pairs in a bag; 12 bags in a carton |

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES



HyFlex® 11-600



HyFlex® 11-601



HyFlex® 11-605

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

DESCRIPTION

- These gloves are designed for intricate tasks in dry environments that require maximal levels of dexterity
- Fingertip-dipped version for precision handling and maximum breathability
- Offered in white for dirt-sensitive applications or in black for environments that present some level of dirt

Remark: fit for special purpose

IDEAL APPLICATIONS

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

HyFlex® 11-421

MULTI-PURPOSE/LIGHT DUTY

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES



High degree of flexibility and durability with optimum dexterity

DESCRIPTION

- Lightweight and stretchable liner for great comfort
- Excellent abrasion resistance
- The HyFlex® 11-421 offers an indicator button (green), which belongs to a range of colour codes corresponding to cut levels 1 (green), 3 (orange) and 5 (red)

IDEAL APPLICATIONS

- Delicate manipulation
- Finishing works
- General handling
- Packaging
- Maintenance



ActivArm® 97-012

MULTI-PURPOSE/LIGHT DUTY

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES



Keeping workers safe and seen

DESCRIPTION

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

Remark: fit for special purpose

IDEAL APPLICATIONS

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

HyFlex® 48-100/48-101/48-105
(ex-Sensilite® 48-100/48-101/48-105)

MULTI-PURPOSE/LIGHT DUTY

| | |
|------------------|--|
| Construction | Knitted |
| Liner material | Nylon |
| Coating material | Polyurethane |
| Finishing | 48-100/48-101: Palm coated 48-105: Fingertip coated |
| Gauge | 13 |
| Cuff style | Knitwrist |
| Size | 6, 7, 8, 9, 10, 11 |
| Length (mm) | 200 - 265 |
| Packaging | 12 pairs in a bag; 12 bags in a carton |

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



EXTRA FEATURES



HyFlex® 48-100



HyFlex® 48-101



HyFlex® 48-105



Comfort and protection for lightweight applications

DESCRIPTION

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

Remark: fit for special purpose

IDEAL APPLICATIONS

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

**EDGE® 48-128****MULTI-PURPOSE/LIGHT DUTY**

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

INDUSTRIES**CATEGORY II****PERFORMANCE RATINGS****An economical solution for light applications****DESCRIPTION**

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

IDEAL APPLICATIONS

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

EDGE® 48-125/48-126/48-129**MULTI-PURPOSE/LIGHT DUTY**

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

INDUSTRIES**CATEGORY II****PERFORMANCE RATINGS****EDGE® 48-125****EDGE® 48-126****EDGE® 48-129****Economical solution for light applications****DESCRIPTION**

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

IDEAL APPLICATIONS

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



HyFlex® 48-102 (ex-Sensilite® 48-102)

MULTI-PURPOSE/LIGHT DUTY

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

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



Excellent comfort and dexterity

DESCRIPTION

- Fine and stretchable stitches for an excellent comfort
- Good abrasion resistance thanks to the polyurethane coating
- Low-lint glove

IDEAL APPLICATIONS

- Delicate and precise operations
- Finishing works
- General handling
- Packaging

Picosoft DG

MULTI-PURPOSE/LIGHT DUTY

| | |
|------------------|---|
| Construction | Knitted |
| Liner material | Nylon |
| Coating material | Polyurethane |
| Finishing | Fingertip coated, dotted on palm side |
| Gauge | 13 |
| Cuff style | Knitwrist |
| Size | 6, 7, 8, 9, 10, 11 |
| Length (mm) | 198 - 243 |
| Packaging | 12 pairs in a bag; 25 bags in a carton |

INDUSTRIES



CATEGORY II

PERFORMANCE RATINGS



Economical protection for lightweight applications

DESCRIPTION

- Designed for light and delicate applications in dry environments
- Great tactility and dexterity for precise and safe handling
- PVC dots on the palm for enhanced grip performance
- Fine and stretchable stitches for excellent comfort

Remark: fit for special purpose

IDEAL APPLICATIONS

- Light-assembly tasks
- Product inspection
- Quality control


EDGE® 76-100/76-200
 (ex-Stringknits™)

MULTI-PURPOSE/LIGHT DUTY

| | |
|-----------------------|--|
| Construction | Knitted |
| Liner material | 76-100: Cotton 76-200: Nylon |
| Gauge | 13 |
| Cuff style | Knitwrist |
| Size | 76-100: 7, 9 76-200: 7, 8, 9, 10 |
| Length (mm) | 76-100: 215 - 235 76-200: 190 - 235 |
| Packaging | 12 pairs in a bag; 12 bags in a carton |

INDUSTRIES

CATEGORY II
PERFORMANCE RATINGS

EXTRA FEATURES

EDGE® 76-200

EDGE® 76-100
Light, stretchy gloves available in various materials and finishes
DESCRIPTION

- Can be worn on their own or as liners
- No seams to rub or irritate
- Stringknit construction allows good air flow to the hand: hands don't become hot and sweaty
- Ambidextrous: no need to pair, therefore more economical
- Washable at 40°C: more hygienic for the wearer and better value for the provider
- 76-200: nylon version, softer, more comfortable, flexible and low-lint

Remark: fit for special purpose

IDEAL APPLICATIONS

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

HyFlex® 11-300
 (ex-Monysoft 1)

MULTI-PURPOSE/LIGHT DUTY

| | |
|-----------------------|---|
| Construction | Knitted |
| Liner material | Nylon |
| Gauge | 13 |
| Cuff style | Knitwrist |
| Size | 7, 8, 9, 10, 11 |
| Length (mm) | 210 - 251 |
| Packaging | 12 pairs in a bag; 12 bags in a carton |

INDUSTRIES

CATEGORY I
PERFORMANCE RATINGS

EXTRA FEATURES

Comfort and product protection
DESCRIPTION

- Fine and stretchable stitches for an excellent comfort
- Low-lint glove

IDEAL APPLICATIONS

- Delicate and precise operations
- Finishing works
- General handling
- Packaging

