



Medium



Cut-Protection

# HyFlex®

ADVANCED MECHANICAL PROTECTION

## 11-435

**WATER-BASED POLYURETHANE GLOVE  
WITH UNMATCHED DEXTERITY AND HIGH  
CUT PROTECTION**

### **ANSI cut level 3 glove made with water-based polyurethane.**

Ansell's HyFlex® 11-435 marks a leap forward in long-term safety and care for the environment. Using water instead of dimethylformamide solvent in the manufacture of polyurethane gloves increases the safety of Ansell workers. Furthermore, it results in more environmentally friendly manufacturing.

Our customers also benefit directly from this manufacturing technique: water-based polyurethane enhances the dexterity and comfort of the glove. The polyurethane doesn't penetrate inside, so it is softer on the skin.

In addition, the seamless plaited glove combining glass fiber and nylon yarn with Dyneema® fiber not only gives extreme protection from cuts and burrs, it also provides excellent breathability and comfort.

#### **Industries**

Automotive  
Transport equipment  
Machinery & equipment  
Metal fabrication  
Glass industry

#### **Applications**

Handling sharp-edged objects  
Handling glass or metal sheets  
Pre-assembling  
Cutting small dry or lightly oiled parts  
Stamping  
Maintenance



**Ansell**



# 11-435

## WATER-BASED POLYURETHANE GLOVE WITH UNMATCHED DEXTERITY AND HIGH CUT PROTECTION

### Performance Profile

#### Environmentally friendly

In the manufacture of HyFlex® 11-435 Ansell has replaced dimethylformamide solvent with water. This not only increases the safety of Ansell workers. It also results in more environmentally friendly production.

#### Enhanced safety

A combination of glass fiber and nylon yarn plaited with Dyneema® fiber provides users with extreme cut protection (ANSI Level 3, EN Level 5).

#### Dexterity, flexibility and comfort

The seamless plaited glove provides a very good fit, along with excellent breathability and a cool feeling. The water-based polyurethane improves the dexterity and comfort of the glove, as the polyurethane doesn't penetrate inside (no strike through). Moreover, comfort and flexibility are enhanced through the palm dip line geometry.

#### Cost efficient

The gray color of HyFlex® 11-435 masks dirt for longer usability. And excellent washability ensures prolonged lifetime.

### Key Features

#### Water-based PU

The use of water-based polyurethane is a major advance in long-term safety and care for the environment. Water-based PU also offers better dirt repellence compared with solvent-based PU.

#### Glass fiber, nylon and Dyneema®

The HyFlex® 11-435 glove features ultra-strong fibers. Glass fiber and nylon yarn are plaited together with Dyneema® fiber to provide extreme resistance against cuts and burrs (ANSI Level 3, EN Level 5). Even better, this combination of fibers offers excellent breathability and a cool feeling.

#### No strike through

Water-based polyurethane also enhances the dexterity and comfort of the glove, as the polyurethane doesn't penetrate inside.

#### Palm dip line geometry

The polyurethane coating follows a palm dip line geometry that ensures better comfort and flexibility.

#### Size scale

Offered in sizes 6-11, there is a comfortable, well-fitting HyFlex® 11-435 glove for all users.

#### Silicone free

Thanks to Ansell's secure post-processing quality, HyFlex® 11-435 gloves contain no silicone.

#### Anti-static ANSI ESD STD

Ansell HyFlex® 11-435 gloves are anti-static rated static-dissipative for surface, volume, and in-use resistance for improved safety in critical areas.

### Protection Standards



### Featured Technologies



### Specifications

BRAND   STYLE	DESCRIPTION	SIZE	LENGTH	COLOR	PACKAGE
HyFlex® 11-435	Water-based polyurethane palm-dipped glove, with nylon, Lycra®, fiberglass and Dyneema® liner. Silicone free.	6-11	8.66-10.63 inches	Black coating on heather gray liner	12 pairs/bag, 12 bags/carton

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The HyFlex 11-518 glove is part of the HyFlex Cut-Protection range. The HyFlex glove line is comprised of four premium performance ranges: Multi-Purpose, Cut-Protection, Oil-Repellent, and Special-Purpose products. Products that provide "cut resistance" and "cut protection" or "puncture resistance" and "puncture protection" do not completely prevent or eliminate the potential for cuts or punctures, and are not intended or tested to provide protection against powered blades, serrated or other sharp or rotating equipment. Products that provide "abrasion resistance" or "abrasion protection" do not completely prevent or eliminate the potential for abrasion-related injuries. Users are encouraged to always use caution and care when handling sharp or abrasive materials.

For a comprehensive review of our HyFlex line, call 1-800-800-0444 or visit [www.ansellpro.com/hyflex](http://www.ansellpro.com/hyflex)

