

- ✘ Special-Purpose
- 🛡️ Cut-Protection



# PowerFlex® 80-813 Glove



Robust Protection.  
Ergonomic Comfort.

## Flame Resistance, Arc Flash and Cut Protection\*

The first glove to combine high levels of flame resistance, arc flash and cut protection in one comfortable, ergonomically designed product. The PowerFlex® 80-813 gloves provide exceptional protection for workers with EN 407 Level 4 resistance to flammability, Arc Rated for Hazard/Risk Category (HRC) 2 for Arc Flash Protection and EN388 Cut Protection level 5 (ANSI Cut Protection level 4). The exclusive composite yarn in the PowerFlex® 80-813 glove has a glass fiber core that provides a high level of cut protection while dissipating electrostatic charges. All components of the glove are inherently flame resistant, not chemically applied, therefore maintain their protective properties throughout the life of the product—even after multiple launderings. All of this protection is in a glove so comfortable, **workers will want to wear it all day.**

## Comfortable ergonomic design that grips in challenging environments

The exceptional ergonomic fit and comfort of the PowerFlex® 80-813 glove is achieved through Ansell's patented KVSD technology (Knitted Variable Stitch Design) and D3 pinky design. KVSD technology releases knitting tension in high stress areas, reducing hand fatigue. Our D3 pinky design allows for improved fit due to its anatomically tailored design. The unique, soft coating provides excellent wet, oily or dry grip properties and is flame resistant, yet pliable enough to maintain flexibility and comfort.



DuPont™  
**Kevlar®**

powerflexgloves.ca



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## Outstanding Product Attributes & Benefits

- ✘ The materials utilized in the glove are inherently flame resistant, providing protection for the entire life of the glove, even after multiple launderings.
- ✘ The PowerFlex® 80-813 glove provides Arc Flash Protection and is Arc Rated for Hazard/Risk Category (HRC) 2
- ✔ High level cut protection provides the ability to handle sharp parts and materials with confidence, increasing worker output and security.
- Ansell's ergonomic design, based on patented technology, provides superior comfort, dexterity and flexibility, increasing worker acceptance and safety compliance.
- Thin 13g knitted liner with DuPont™ Kevlar® greatly increases productivity and compliance by providing workers the ability to manipulate small objects such as wires and bolts without removing their gloves.
- Special, soft foam coating ensures a secure grip in wet, oily and dry environments, reducing slippage and tension in the hand.

## Technical Information

Glove Property	Test Method/Standard	Result
Flame resistance	CGSB 155.20-2000 Workwear for protection against hydrocarbon flash fire	Meets FR testing for damaged length, after flame time and molten drip. <sup>1</sup>
Flame resistance	EN 407 Heat Protection (EN 412110)	Resistance to flammability – Level 4 Contact heat – Level 1 Convective heat – Level 2 Radiant heat – Level 1 Small drops molten metal – Level 1
Arc Flash – NFPA 70E	ASTM F1959-05	Hazard/Risk Category (HRC) 2 Arc Rating (ATPV) 12.0 cal/cm <sup>2</sup>
Abrasion	EN 388 Mechanical Protection (EN 2542)	EN Level 2
Cut resistance	EN 388 Mechanical Protection and ANSI/ISEA	EN Level 5 ANSI/ISEA Level 4
Tear	EN 388 Mechanical Protection	EN Level 4
Puncture	EN 388 Mechanical Protection	EN Level 2
Electrical conductivity	ANSI/EOS/ESD S11.11	Static dissipative range

<sup>1</sup> Note: Existing standard applies to swatches of material only. For all swatches of materials tested, and selected as representative of the glove's construction, the coated and uncoated areas of the glove meet Flame Resistant testing for i) Damaged length, ii) After Flame Time and, iii) Molten Drip

## Industries

- Oil processing & refining
- Electric & Gas Utilities
- Mining
- Petrochemical
- Resource manufacturing
- Construction

## Applications

- Equipment assembly
- Replacing filters and parts
- Facility & machinery maintenance
- De-energized electrical wiring & clean-up
- Electrical Equipment Operation and Most Switching (See NFPA 70E).
- Pipe installation & repair
- Carpentry/scaffolding
- Heavy duty metal handling
- Vehicle/heavy equipment maintenance



## Ordering Information

Style Number	Size
8081311060	6
8081311070	7
8081311080	8
8081311090	9
8081311100	10
8081311110	11

- 1 dozen pairs (12) per poly bag
- 12 poly bags per case (144 pairs)

\*USE PRODUCT ONLY AS SPECIFIED. 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 protection against sparks or flames are not "fire-proof" and do not completely prevent or eliminate the potential for burns or associated 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 offered solely as a possible suggestion for use in making your own decisions or product choices. 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. "Flame resistance" and "arc rating" do not completely eliminate burns and are not intended to be used or tested to provide protection from electrical shock or contact with energized electrical components or parts.

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