



PROTECTIVE INDUSTRIAL PRODUCTS

56-3180 Specification Sheet

ULTRA THIN NITRILE

PRODUCT DESCRIPTION:

ArmorFlex® nitrile dipped gloves, ultra light weight, green, palm coated interlock, knitwrist

- Armor™ Series gloves feature a unique combination of low-coat ing deposit weight and high abrasion resistance and provide the wear of heavier, bulkier nitrile coated gloves without sacrificing flexibility and tactile sensitivity.
- Sanitized to reduce germs and odors.
- Superior dexterity, chemical and cut resistance.
- Palm coat provides flexibility and ventilation.
- Great for handling small, oily parts.
- Effective economical protection.

Applications:

Ideal for general handling, assembly, fabrication, parts handling and inspection.



TECHNICAL DATA:

Material: Nitrile, cotton

Color: Green

Cuff Style: Knitwrist

Available Sizes: S-XL

Packaging: 12 pairs per dozen, 6 dozen per case

Case Dimensions: (cm) 60 x 27 x 14

(in) 26.6 x 10.2 x 5.5

Case Weight: (S-XL) 11 lbs / 5 kg

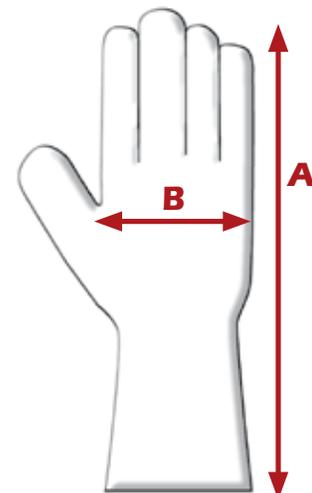
Manufacturer Certifications: ISO9001:2000 certified

Country of Origin/Harmonization Code: China/6116.10.6500

DIMENSIONS:

<u>Size Available</u>	<u>S</u>	<u>M</u>	<u>L</u>	<u>XL</u>
Over Length (cm) ± 1 cm -A	25.2	26.0	27.7	28
(in)	9.9	10.2	10.9	11
Palm Width (cm) ± 1 cm -B	10.0	10.8	11.4	12.7
(in)	3.9	4.3	4.5	5

<u>BARCODE #</u>	<u>DOZEN</u>	<u>CASE</u>
56-3180/XL	01616314006340	02616314006340
56-3180/L	01616314006333	02616314006333
56-3180/M	01616314006326	02616314006326
56-3180/S	01616314006319	02616314006319



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Permeation performance levels

Permeation defined - permeation is a process by which a chemical can pass through a protective barrier (e.g. glove) without going through visible openings, such as pores. Thus molecules of the chemical enter the barrier and "wriggle" through by passing between the molecules of the glove compound. In many cases the permeated material may appear unchanged to the human eye.

Permeation performance levels are assessed by measuring the time for a chemical to breakthrough the glove material. Samples, cut from the palms of the gloves are placed in a permeation cell which enables the chemical to be placed in contact with the outer surfaces of the gloves. Our CMIG laboratories are equipped with different measuring instruments to detect any chemical (e.g. solvents, acids, alkalis and salts) that has broken through to the inside surface of the glove sample.

The breakthrough time tests are carried out for up to eight hours, according to EN374.

Permeation performance level and breakthrough time

Level	x	0	1	2	3	4	5	6
Times	no test	< 10 mins	> 10 mins	> 30 mins	> 60 mins	> 120 mins	> 240 mins	> 480 mins

CHEMICAL	CAS #	PERMEATION BREAKTHROUGH	EN LEVEL
Acetone	67-64-1	NR.....	0
Benzene	71-43-2	< 10 min	0
Butadiene	106-99-0	> 240 min	5
Ethylene Oxide	75-21-8	NR.....	0
Methanol.....	67-56-1	< 60 min	2
Propylene Oxide.....	75-56-9	NR.....	0
Styrene	100-42-5	< 15 min	0
THF.....	109-99-9	< 15 min	0

NR = Not Recommended

** NOTE: This chemical resistant data is presented as a guide ONLY. This does not consider permeability of glove, chemical combinations, temperature, length of time that glove is in contact with the chemical and thickness of glove. These factors will alter or affect the performance of glove. Recommend actual on-the-job testing of glove.*

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