NITRILE GLOVES
SULFUR-FREE, ACCELERATOR-FREE

Key Features

Free from latex proteins, minimizing risk of Type I immediate hypersensitivity reaction. Formulated without accelerators, minimizing risk of Type IV Delayed Allergic Contact Dermatitis. Softer and more comfortable. Glove will maintain the softness on natural or accelerated aging.

Product Information

Material
Carboxylated Acrylonitrile Butadiene Latex

Type
Sulfur-free, Accelerator-free, Powder-free, Latex-free, Non-Sterile

Design
Ambidextrous, Fingertip Textured, Beaded Cuff, Polymer Coated

Size
XS S M L XL

Color
Blue or as requested

Applications
Food Processing, Laboratory, Electronics, Cosmetics
Garage, Cleaning, Gardening, General Purpose

Storage
Store at temperature less than 40 °C. Avoid excessive heat. Keep dry. Open box should be shielded from direct sunlight, fluorescent lighting, X-ray, moisture and ozone.

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Food Cosmetics Cleaning Gardening Garage Laboratory Electronics

Dimension (Length and Thickness)

Dimension	Specification			Results
	ISO 11193-1: 2020	EN 455-2: 2015	ASTM D6319-19	
Length (mm)	Min 220 mm (XS-S), Min 230 mm (M-XL)	Median ≥ 240 mm	Min 220 mm (XS-S), Min 230 mm (M-XL)	245 ± 2
Single Wall Thickness (mm)	Smooth: Min 0.08 mm Textured: Min 0.11 mm	-	Min 0.05 mm	0.10 ± 0.02

Tensile Testing

ISO 11193-1: 2020 (Specimen: ISO 37 Type 2)

Properties	ISO 11193-1 Specification	Before Aging	After Aging 100 °C, 22 hours	After Aging 70 °C, 7 days
Force at break (N)	Before aging ≥ 7 N After aging ≥ 6 N	14.9 ± 1.4	15.6 ± 2.7	15.2 ± 3.0
% Elongation at break	Before aging > 500% After aging > 400%	517 ± 7	535 ± 20	541 ± 20

EN 455-2: 2015 (Specimen: ASTM D412-D)

Properties	EN455-2 Specification	Before Aging	After Aging 100 °C, 22 hours	After Aging 70 °C, 7 days
Force at break (N)	Before aging ≥ 6 N After aging ≥ 6 N	10.2 ± 2.2	13.6 ± 1.0	13.4 ± 0.3
% Elongation at break	Before aging > 500% After aging > 400%	555 ± 18	543 ± 6	591 ± 10

ASTM D6319-19 (Specimen: ASTM D412-C or ISO 37 Type 1)

Properties	ASTM D6319-19 Specification	Before Aging	After Aging 100 °C, 22 hours	After Aging 70 °C, 7 days
Tensile strength (MPa)	Before aging > 14 MPa After aging > 14 MPa	31.1 ± 1.8	30.8 ± 4.6	32.5 ± 1.1
% Elongation at break	Before aging > 500% After aging > 400%	569 ± 25	567 ± 26	587 ± 11

Co-research collaboration between

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