



Isolator Glove

# EPDM Black

6/10 mm



## SCOPE

Life Sciences (Pharmaceutical, Hospital, Nuclear, and Laboratory Industries).

PIERCAN's Ethylene Propylene Diene Monomer better known as EPDM Black has excellent chemical, and mechanical properties. Electrostatic dissipative glove in accordance with the standard EN 16350. Resistance to disinfectants used in the pharmaceutical industry. Composition in accordance with the FDA positive list (CFR 21 § 177. 2600).

■ ■ ■ ■ ■ Economical Performance

■ ■ ■ ■ ■ Chemical Performance

■ ■ ■ ■ ■ Dexterity Performance

■ ■ ■ ■ ■ Mechanical Performance

■ ■ ■ ■ ■ Storage Performance



## GENERAL INFORMATION

Chemical composition	<i>Ethylene Propylene Diene Monomer</i>
Material code	Eb
Color	Black
Packaging	Packaged by the pair in a heat-sealed two-tone black and transparent polyethylene bag.
Care Instructions	Store in original packaging between 5°C and 25°C. Shelf-life of 3 years from date of manufacture. Wash with soapy water, rinse under clear water and air-dry at a low temperature (<40°C).
Treatment	Non-recyclable. Disposal as simple non-toxic waste if not contaminated by a hazardous substance.
Sterilization	Can be clean-room laundered or clean-room laundered and sterilized with gamma irradiation.
Powdering	Standard: Lightly Powdered
Disinfectants	Excellent resistance to the following disinfectants: 0.25% Surfanios, 0.50% Spetanos, 10% Soproper, 100% Soproper, 70% Isopropyl alcohol.
Dimensional Tolerances	Thickness: 6/10 mm (palm min 4/10, max 8/10). Length: 330 mm. Diameter of the rim: 4 mm (+/-1 mm).

## PHYSICOCHEMICAL PROPERTIES

TEMPERATURE RANGE: -30 TO +120°C

Alcohols	---
Acids, Bases	---
Strong Oxidants	---
Uv, Ozone, Free Radicals, Natural Ageing	---
Ketone Solvents	---
Chlorinated Solvents	---
Aromatic Solvents	---
Aliphatic Oils and Solvents	---
Peracetic Acid Sterilization (3%)	---
Hydrogen Peroxide Sterilization (35%)	---
Hydrogen Peroxide Sterilization (50%)	---
25-50 kGy Gamma Radiation	---
Autoclave sterilization (121°C)	---
Protection from Ionizing Radiation	non

\* --- Not recommended    - Can be used under certain conditions    - Acceptable    - Recommended

## MECHANICAL PROPERTIES

Modulus 100% <sup>(1)</sup>	Tensile Strength <sup>(1)</sup>	Elongation at Break <sup>(1)</sup>	Perforation (EN 388)
< 2,5 MPa	> 18 MPa	> 400%	> 20 N

(1) (Iso 37 type 2)



PIERCAN  
 160 Bosstick Blvd. San Marcos, CA. 92069  
 T: +1 (760) 599-4543  
 E: sales@piercan.com  
 www.piercan.com

