



Dry Box Glove

# EPDM Black

4/10 mm



## SCOPE

Life Sciences (Pharmaceutical Industry, Hospitals), Nuclear, Laboratory Industry.

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   | Ethylene Propylene Diene Monomer  |
| 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 the 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: 4/10 mm (palm min 3/10, max 6/10). Length tolerance (+/- 20 mm). Diameter of the rim: 5 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 H2O2(35%)  | --- |
| Hydrogen Peroxide Sterilization H2O2 (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)



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