Sleeve

EPDM black

4/10 mm



SCOPE

Life sciences (pharmaceutical industry, hospitals).

Black EPDM sleeve (Ethylene Propylene Diene Monomer). Excellent chemical resistance, good mechanical properties. Electrostatic discharge dissipative sleeve compliant with EN 16350 standard. Performs exceptionally well under repeated exposure to disinfectants used in the pharmaceutical industry. Composition complies with the FDA positive list (CFR 21 § 177.2600).

Economical performance

Chemical performance

Mechanical performance

Storage performance

PIERCAN



GENERAL INFORMATION

Chemical composition	Ethylene Propylene Diene Monomer
Material code	Eb
Colour	Black
Packaging	Individually packed in two-toned black and transparent, heat-sealed and easy-opening pouch.
Cleaning / Maintenance	Store in the original packaging between +5°C and +35°C. Expiry date of 3 years in the original packaging. Wash with soapy water, rinse with clear water and then air-dry at a low temperature (<40°C).
Treatment	Non-recyclable. Disposal as simple non-toxic waste if not contaminated by a hazardous substance.
Sterilisation	Not available in decontaminated or decontaminated-sterile version.
Powdering	Standard: powder-free sleeve.
Disinfectants	Excellent resistance to the following disinfectants: 0.25% Surfanios, 0.50% Spetanios, 10% Soproper, 100% Soproper, 70% Isopropyl alcohol.
Dimensional tolerances	Thickness: 4/10 mm (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	— — —
Peracétic acid sterilisation (3%)	— — —
H2O2 Sterilisation (35%)	— — —
H2O2 Sterilisation (50%)	— — —
25-50 kGray gamma radiation	— — —
Autoclave sterilisation (121°c)	— — —
Protection from ionising radiation	non

* — — — *Not recommanded* — — — *Can be used under certain conditions* — — — *Acceptable* — — — *Recommended*

MECHANICAL PROPERTIES

100% Modulus (1)	Tensile strength (1)	Elongation at break (1)
< 2.5 MPa	> 18 MPa	> 400%

(1) (Iso 37 type 2)

The list of references is available on the website.

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