



Sleeve

EPDM black

4/10 mm



SCOPE

Life sciences (pharmaceutical industry, hospitals).

Black EPDM (Ethylene Propylene Diene Monomer) sleeve. Excellent chemical properties, good mechanical properties. Composition in accordance with the FDA positive list (CFR 21 § 177.2600).

■ ■ ■ Economical performance

■ ■ ■ Chemical performance

■ ■ ■ Mechanical performance

■ ■ ■ Storage performance



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. Pack of 10 units.
Care instructions	Store in the original packaging between +5°C and +25°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% Spetanos, 10% Soprop, 100% Soprop, 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	---
Peracetic acid sterilisation (3%)	---
H2O2 Sterilisation (35%)	---
H2O2 Sterilisation (50%)	---
25-50 kGray gamma radiation	---
Autoclave sterilisation (121°C)	---
Protection from ionising radiation	non

* --- Not recommended - - - 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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