Sleeve

CSM

4/10 mm



SCOPE

Life sciences (pharmaceutical industry, hospitals).

Chlorosulfonated Polyethylene (CSM) sleeve. Excellent resistance to chemicals, ozone, and UV rays. Good mechanical strength. Protection against radioactive contamination. Very good resistance to repeated application of disinfectants commonly used in the pharmaceutical industry.

- Economical performance
- Chemical performance
- Mechanical performance
- Storage performance

PIERCAN



GENERAL INFORMATION

Chemical composition	Chlorosulfonated Polyethylene
Material code	Y
Colour	White
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	Can be delivered in a decontaminated version or a decontaminated-sterilised version (sterilisation with Gamma radiation).
Powdering	Standard: lightly powdered gloves.
Disinfectants	Excellent resistance to the following disinfectants: 0.25% Surfanios, 10% 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: -20 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%)	▬▬▬
H202 Sterilisation (35%)	▬▬▬
H202 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)
< 3.0 MPa	> 18 MPa	> 300%

(1) (Iso 37 type 2)

The list of references is available on the website.

PIERCAN
17-23 rue Marcel Dassault CS 10028 - 93 141 BONDY CEDEX, France
T : +33 (0)1 45 88 66 27 - F : +33 (0)1 45 80 98 30
www.piercan.fr - piercan@piercan.fr