



Dry Box Glove

**CSM**

4/10 mm



### SCOPE

Life Science (Pharmaceutical and Hospital Industries), Nuclear Industry

PIERCAN's *Chlorosulfonated Polyethylene* glove better known as CSM glove has excellent resistance to chemicals and to ionizing radiation, ozone and UV. Good mechanical resistance. Self-extinguishing.

██████████	██████████	██████████	Economical Performance
██████████	██████████	██████████	Chemical performance
██████████	██████████	██████████	Dexterity Performance
██████████	██████████	██████████	Mechanical Performance
██████████	██████████	██████████	Storage Performance



## GENERAL INFORMATION

Chemical Composition	Chlorosulfonated Polyethylene
Material Code	Y
Color	White
Package	Packaged by the pair in a heat-sealed two-tone black and transparent polyethylene bag.
Care Instruction	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 single non-toxic waste if not contaminated by hazardous substances.
Sterilisation	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, 10% 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: -20 TO +120°C

Alcohols	--- --
Acids, Bases	--- --
Strong Oxidants	--- --
UV, Ozone, Free Radicals, Natural Aging	--- --
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)
< 3.0 MPa	> 18 MPa	> 300%	> 30 N

(1) (Iso 37 type 2)



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