

**PIERCAN USA, INC.**

CSM DRY BOX GLOVE

Chlorosulphonated Polyethylene (Y)

**Polymer Type**

CSM
(Chlorosulphonated Polyethylene)

Characteristics

Excellent chemical resistance
High resistance to Ozone and UV
Excellent flexibility and dexterity
Excellent behavior against ionizing radiation
Excellent resistance to sterilizing agents
(Vaporous Hydrogen Peroxide)
Sterilization processes (Gamma and Beta radiation)

Fields of Application

Life Sciences (Pharmaceutical/Medical)
Nuclear Industries

Options

Validated Sterile
(clean room laundered and gamma irradiated)

Cleaning Options

Wipe with 70% Isopropyl Alcohol

Storage Conditions

Store in original packaging between
41° F to 77° F (5° - 25° C)

Shelf Life

3 years from DOM

Glove Disposal

Non-recyclable
Classified non-toxic waste if not contaminated

Packaging

Heat sealed and vacuum packaged by the pair

**Visible Characteristics**

Material Designator	Y
Color	White
Port Sizes	6", 7", 8", 9", 10", 12", 14" 156mm, 178mm, 186mm, 220mm, 250mm, 300mm, 350mm
Hand Styles	Ambidextrous or Left/Right
Hand Sizes	8.5, 9.75, 10.5 *Availability according to port size
Length	30", 32", 34" (+/- 1") 762mm, 813mm, 864mm (+/- 25mm)
Thickness	15 mil (0.4mm) nominal Min: 11.8 mil (0.3mm) Max: 23.6 mil (0.6mm) 24 mil (0.6mm) nominal Min: 15.7 mil (0.4mm) Max: 31.4 mil (0.8mm)
Bead	0.2" (+/- 0.04") (4mm-6mm) *34" length gloves 0.16" (+/- 0.09") (1.7-6.3mm)

Mechanical Properties

Modulus 100%	Tensile Strength	Elongation at Break	Puncture
<3 MPa	>18 MPa	>300%	>30 N

Chemical Properties (For guidance only)

Chemicals	Performance
Autoclave sterilization	+
Alcohol	+++
Acids, bases	+++
Strong oxidizers	+++
Ozone, UV, free radicals, natural aging	+++
Ketonic solvents	-
Chlorinated solvents	-
Aromatic solvents and oils	-
Aliphatic solvents and oils	+

- Not recommended + Acceptable in certain conditions
++ Acceptable +++ Excellent

Temperature Limits

Low Temperature Limit	High Temperature Limit
-4° F	248° F
-20° C	120° C