



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 radiations
 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
 35° F to 85° F
 (1.67° - 29.4° C)

Packaging

Heat-sealed and vacuumed bagged by pair

Shelf Life

3 years from DOM

Glove Disposal

Non-recyclable
 Classified non-toxic waste if not contaminated

Visible Characteristics

Material Designator	Y
Color	White
Port Sizes	5", 6", 7", 8", 9", 10", 12" 127mm, 152mm, 178mm, 203mm, 229mm, 254mm, 305mm
Hand Styles	Ambidextrous or Left/Right
Hand Sizes	8.5, 9.75, 10.5 (216mm, 248mm, 267mm) *Availability according to port size
Length	30", 32", 34" (+/- 1") (762mm, 813mm, 864mm +/- 25mm)
Thickness	15 mil nominal (.015"/.38mm) 24 mil nominal (.024"/.61mm)
Bead	0.125"-0.250" (3.175mm-6.35mm)

Mechanical Properties

Tensile Strength	Elongation at Break	Puncture Resistance
>2611 Psi >18 MPa	>300%	>30N

Chemical Properties (For guidance only)

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