



POLYURETHANE/CSM DRY BOX GLOVE
Polyurethane/Chlorosulphonated Polyethylene
(UY)



Polymer Type

- POLYURETHANE/CSM
 (Polyurethane, Chlorosulphonated Polyethylene)

Characteristics

- Exceptional level of Mechanical Properties and resistance to puncture and tear
- 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

- Autoclave not approved
- Wipe with 70% Isopropyl Alcohol

Storage Conditions

- Store in original packaging between
 35° F to 85° F
 (1.67° - 29.4° C)

Packaging

- Hands are lightly packed with tissue paper and packaged by pair. Bags are vacuumed and heat sealed and shipped in double wall corrugated boxes.

Shelf Life

- 3 years from DOM

Glove Disposal

- Non-recyclable
 Classified non-toxic waste if not contaminated

Visible Characteristics

Material Designator	UY
Color	White (outer layer), Yellow (inner layer)
Port Sizes	6", 7", 8", 9", 10", 12" 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	20 mil nominal (.508mm)
Bead	0.125"-0.250" (3.175mm-6.35mm)

Mechanical Properties

Tensile Strength	Elongation at Break	Puncture Resistance
>3500 Psi >20.7 MPa	>500%	>50N

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