



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



Polymer Type

Polyurethane/CSM
 (Polyurethane/Chlorosulphonated Polyethylene)

Characteristics

- Excellent 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 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
 35° F to 85° F (1.67° - 29.4° 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	UY
Color	Inside Yellow/Outside 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	20 mil (0.5mm) nominal Min: 14 mil (0.3mm) Max: 32 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	Tear Resistance
<3 MPa	>24 MPa	>500%	>50 N	>25 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