



POLYURETHANE DRY BOX GLOVE
Polyurethane (U)



Polymer Type

Polyurethane
(Polyurethane)

Characteristics

Exceptional mechanical properties (puncture, tear, cut)
High resistance to Ozone and UV
Excellent flexibility and dexterity
Excellent behavior against ionizing radiation
Nonporous surface which prevents retention of powders

Fields of Application

Nuclear Industries
Life Sciences (Pharmaceutical/Medical)

Cleaning Options

Rinse with clean water and low temperature dry

Storage Conditions

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

Shelf Life

4 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	U
Color	High Visibility Yellow
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") 750mm, 800mm, 850mm (+/- 20mm)
Thickness	15 mil (0.4mm) nominal Min: 12 mil (0.3mm) Max: 30 mil (0.8mm)
Bead	0.2" (+/- 0.04") (4mm-6mm)

Mechanical Properties

Modulus 100%	Tensile Strength	Elongation at Break	Puncture
<3.5 MPa	>48.3 MPa	>500%	>40 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	194° F
-20° C	90° C