



Dry Box Glove

Polyurethane/CSM

5/10 mm



SCOPE

Life Science (Pharmaceutical and Hospital Industries)

Dual layer Polyurethane and Chlorosulfonated Polyethylene glove better known as UY has excellent chemical and mechanical properties. High resistance to ozone, UV, ionizing radiation, and most disinfectants used in the pharmaceutical industry.

	Economical Performance
	Chemical Performance
	Dexterity Performance
	Mechanical Performance
	Storage Performance

GENERAL INFORMATION

Chemical Composition	<i>Polyurethane / Chlorosulfonated Polyethylene</i>
Material Code	PUR/Y
Color	Blue Interior / White Exterior
Packaging	Packaged by the pair in a heat-sealed two-tone black and transparent polyethylene bag.
Care Instructions	Store in the original packaging between 5°C and 25°C. Shelf-life of 3 years from date of manufacture. Wash with soapy water, rinse under clear water and air-dry at a low temperature (<40°C)
Treatment	Non-recyclable. Disposal as simple non-toxic waste if not contaminated by a hazardous substance.
Sterilization	Can be delivered <i>clean-room laundered</i> or <i>clean-room laundered and sterilized with gamma irradiation</i> .
Powdering	Standard: lightly powdered gloves.
Disinfectants	Excellent resistance to the following disinfectants: Surfa Safe, 0.50% Hexanions G+R, 0.25% Surfanios, 0.50% Spetanios, 10% Soproper, 100% Soproper, Actril, 70% Isopropyl alcohol.
Dimensional Tolerance	Thickness: 5/10 mm (palm min 3.5/10, max 7/10). Length tolerance (+/- 20 mm). Diameter of the rim: 5 mm (+/-1 mm).

PHYSICOCHEMICAL PROPERTIES

TEMPERATURE RANGE: -20 TO +120°C

Alcohols	— — —
Acids, Bases	— — —
Strong Oxidants	— — —
UV, Ozone, Free Radicals, Natural Aging	— — —
Ketone Solvents	— — —
Chlorinated Solvents	— — —
Aromatic Solvent	— — —
Aliphatic Oils and Solvents	— — —
Peracetic acid Sterilization (3%)	— — —
Hydrogen Peroxide Sterilization H2O2 (35%)	— — —
Hydrogen Peroxide Sterilization H2O2 (50%)	— — —
25-50 kGy Gamma Radiation	— — —
Autoclave Sterilization (121°C)	— — —
Protection from Ionizing Radiation	non

* — — — Not recommended — — — Can be used under certain conditions — — — Acceptable — — — Recommended

MECHANICAL PROPERTIES

<i>Modulus 100%</i>	<i>Tensile Strength</i>	<i>Elongation at Break</i>	<i>Perforation</i>
< 3.0 MPa	> 30 MPa	> 500%	> 60 N



PIERCAN
160 Bosstick Blvd. San Marcos, CA 92069
T: +1 (760) 599 - 4543
E: sales@piercan.com
www.piercan.com

