



HIGH PERFORMANCE BUTYL DRY BOX GLOVE
 Isobutylene Polyisoprene (BHP)



Polymer Type

High Performance Butyl
 (Isobutylene Polyisoprene)

Characteristics

Excellent impermeability against gas and liquids
 Good chemical resistance
 Good resistance to Ozone and UV
 Antistatic

Fields of Application

Microelectronics/Wet Chemistry
 Life Sciences (Pharmaceutical/Medical)
 Nuclear Industries

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

Tri-folded and packaged by the pair. Bags are vacuum and heat sealed



Visible Characteristics

Material Designator	BHP
Color	Black
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	15 mil (0.4mm) nominal Min: 11.8 mil (0.3mm) Max: 24 mil (0.6mm) 24 mil (0.6mm) nominal Min: 15.7 mil (0.4mm) Max: 31.4 mil (0.8mm)
Bead	0.2" (+/-0.04") (4mm-6mm)

Mechanical Properties

Modulus 100%	Tensile Strength	Elongation at Break	*Water Vapor Permeability	Surface Electrical Resistance
<2.5 MPa	>13 MPa	>400%	7.10⁻¹⁷ m².Pa⁻¹.s⁻¹	<1.10⁸ Ohms

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
-22° F	230° F
-30° C	110° C