



**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  
 41° F to 77° F (5° - 25° 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**

<b>Material Designator</b>	<b>BHP</b>
<b>Color</b>	<b>Black</b>
<b>Port Sizes</b>	<b>6", 7", 8", 9", 10", 12", 14"</b> 156mm, 178mm, 186mm, 220mm, 250mm, 300mm, 350mm
<b>Hand Styles</b>	<b>Ambidextrous or Left/Right</b>
<b>Hand Sizes</b>	<b>8.5, 9.75, 10.5</b> *Availability according to port size
<b>Length</b>	<b>30", 32", 34" (+/- 1")</b> 762mm, 813mm, 864mm (+/- 25mm)
<b>Thickness</b>	<b>15 mil (0.4mm) nominal</b> Min: 11.8 mil (0.3mm) Max: 24 mil (0.6mm) <b>24 mil (0.6mm) nominal</b> Min: 15.7 mil (0.4mm) Max: 31.4 mil (0.8mm)
<b>Bead</b>	<b>0.2" (+/-0.04")</b> (4mm-6mm)

**Mechanical Properties**

<b>Modulus 100%</b>	<b>Tensile Strength</b>	<b>Elongation at Break</b>	<b>*Water Vapor Permeability</b>	<b>Vertical Electrical Resistance</b>
<b>&lt;2.5 MPa</b>	<b>&gt;13 MPa</b>	<b>&gt;400%</b>	<b>7.10<sup>-17</sup> m<sup>2</sup>.Pa<sup>-1</sup>.s<sup>-1</sup></b>	<b>&lt;1.10<sup>8</sup> Ohms</b>

**Chemical Properties (For guidance only)**

<b>Chemicals</b>	<b>Performance</b>
<b>Autoclave sterilization</b>	<b>+++</b>
<b>Alcohol</b>	<b>+++</b>
<b>Acids, bases</b>	<b>++</b>
<b>Strong oxidizers</b>	<b>++</b>
<b>Ozone, UV, free radicals, natural aging</b>	<b>+++</b>
<b>Ketonic solvents</b>	<b>+++</b>
<b>Chlorinated solvents</b>	<b>-</b>
<b>Aromatic solvents and oils</b>	<b>-</b>
<b>Aliphatic solvents and oils</b>	<b>-</b>

- Not recommended + Acceptable in certain conditions  
 ++ Acceptable +++ Excellent

**Temperature Limits**

<b>Low Temperature Limit</b>	<b>High Temperature Limit</b>
<b>-22° F</b>	<b>230° F</b>
<b>-30° C</b>	<b>110° C</b>