



**High Performance Urethane  
For  
“Can’t Fail” Applications**

**ST-1421-85 POLYETHER, POLYURETHANE**

**POLYMER:** Polyether Aromatic Polyurethane

**DESCRIPTION:** An 85 Shore A polyether polyurethane formulated for medium/high slip with good sealability and excellent humid aging resistance. Prolonged UV exposure should be avoided.

**GENERAL PROPERTIES**

	<b>Specifications</b>	<b>Units</b>	<b>Values</b>
<b>Durometer:</b>	<b>D2240</b>		<b>85A</b>
<b>Specific Gravity:</b>	<b>D792</b>		<b>1.14</b>
<b>Thermal Properties:</b>			
Maximum Service Temperatures,			
-continuous		<b>F</b> <b>C</b>	<b>-60 to +200</b> <b>-51 to +93</b>
-melting point range		<b>F</b> <b>C</b>	<b>329 to 365</b> <b>165 to 185</b>
<b>Tensile Properties:</b>	<b>D638</b>		<b><u>15 Mil Sheet</u></b>
Modulus @ 100% strain		psi	<b>1000</b>
Modulus @ 300% strain		psi	<b>1500</b>
Modulus @ break		psi	<b>7000</b>
Modulus of elasticity up to 10% strain		psi	<b>30</b>
Elongation @ break		%	<b>450</b>
Set @ break		%	<b>40</b>
<b>Tear Properties:</b>			
Die C	<b>D624</b>	pli	<b>400</b>