

**NEOPRENE**

**STYLE 8100**

<b>CHEMICAL NAME:</b>	Polychloroprene
<b>ASTM D-2000 CLASSIFICATION:</b>	BC, BE
<b>DUROMETERS AVAILABLE:</b>	40 thru 80 ± 5 (Shore A)
<b>TENSILE STRENGTH RANGE:</b>	500 to 3000 psi
<b>ELONGATION (MAX):</b>	600%
<b>SPECIFIC GRAVITY (POLYMER):</b>	1.25
<b>TEMPERATURE RANGE (F°):</b>	-50° to +250° F
<b>WEATHER &amp; SUNLIGHT AGING:</b>	Excellent
<b>HEAT AGING @ 212°F:</b>	Good
<b>OXIDATION:</b>	Good
<b>OZONE:</b>	Good
<b>RESISTANCE TO:</b>	
<b>ABRASION:</b>	Good
<b>TEAR:</b>	Good
<b>HYDROCARBON SOLVENTS/OIL:</b>	Fair
<b>ACID; DILUTE/CONCENTRATE:</b>	Good
<b>ALKALI; DILUTE/CONCENTRATE:</b>	Good
<b>FLAME:</b>	Good
<b>WATER SWELL:</b>	Good
<b>REBOUND/RESILIENCE:</b>	Excellent
<b>IMPACT STRENGTH:</b>	Good
<b>ADHESION TO METAL:</b>	Excellent
<b>ELECTRICAL RESISTIVITY:</b>	Fair

**ADDITIONAL COMMENTS:**

Style 8100 is our commercial grade of Neoprene and is used throughout industry as an all purpose gasket material. It has high resilience and good resistance to compression set. It provides good resistance to petroleum, animal and vegetable oils, fuels, fats, greases, oxygen, heat, flame, weather or ozone. While it is good in fluctuating temperatures, it is not good at sustained low temperatures. It is attacked by chlorinated aromatic and nitro hydrocarbons, strong oxidizing acids, esters, and ketones.

Finish is plate (smooth).

Thicknesses: 1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4", 3/8", up to 1".



## PRODUCT DATA SHEET

Widths: 36" & 48"