

**EPDM / EPR / EPT RUBBER                      STYLE 8210**

<b>CHEMICAL NAME:</b>	Ethylene Propylene
<b>ASTM D-2000 CLASSIFICATION:</b>	AA, BA, CA, DA
<b>DUROMETERS AVAILABLE:</b>	40 thru 80 ± 5 (Shore A)
<b>TENSILE STRENGTH RANGE:</b>	500 to 2500 psi
<b>ELONGATION (MAX):</b>	600%
<b>SPECIFIC GRAVITY (POLYMER):</b>	0.86
<b>TEMPERATURE RANGE (F°):</b>	-70° to +325° F
<b>WEATHER &amp; SUNLIGHT AGING:</b>	Excellent
<b>HEAT AGING @ 212°F:</b>	Excellent
<b>OXIDATION:</b>	Excellent
<b>OZONE:</b>	Excellent
<b>RESISTANCE TO:</b>	
<b>ABRASION:</b>	Good
<b>TEAR:</b>	Fair
<b>HYDROCARBON SOLVENTS/OIL:</b>	Poor
<b>ACID; DILUTE/CONCENTRATE:</b>	Good
<b>ALKALI; DILUTE/CONCENTRATE:</b>	Excellent
<b>FLAME:</b>	Poor
<b>WATER SWELL:</b>	Excellent
<b>REBOUND/RESILIENCE:</b>	Good
<b>IMPACT STRENGTH:</b>	Good
<b>ADHESION TO METAL:</b>	Good
<b>ELECTRICAL RESISTIVITY:</b>	Excellent

**ADDITIONAL COMMENTS:**

Style 8210 EPDM is our high grade EPDM and is often used for boiler manhole and handhole gaskets. It shows excellent resistance to aging through a combination of exceptional resistance to sunlight, ozone, water and low and high temperatures. However, it does not have good resistance to fuels, oils and solvents; is not recommended for aromatic hydrocarbons. Good resistance to oxygen and excellent resistance to gas permeability. Fair for use in alcohols and ketones and recommended for ethanol. Not recommended around food applications.

Finish can be plate (smooth) or fabric (looks like cloth appearance).

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



## **PRODUCT DATA SHEET**

Widths: 36" & 48"