

NEOPRENE, HIGH GRADE STYLE 8110

CHEMICAL NAME:	Polychloroprene
ASTM D-2000 CLASSIFICATION:	BC, BE
DUROMETERS AVAILABLE:	30 thru 90 ± 5 (Shore A)
TENSILE STRENGTH RANGE:	500 to 3000 psi
ELONGATION (MAX):	600%
SPECIFIC GRAVITY (POLYMER):	1.25
TEMPERATURE RANGE (F°):	-50° to +250° F
WEATHER & SUNLIGHT AGING:	Excellent
HEAT AGING @ 212°F:	Good +
OXIDATION:	Good +
OZONE:	Good +
RESISTANCE TO:	
ABRASION:	Good
TEAR:	Good
HYDROCARBON SOLVENTS/OIL:	Fair
ACID; DILUTE/CONCENTRATE:	Good
ALKALI; DILUTE/CONCENTRATE:	Good
FLAME:	Good
WATER SWELL:	Good
REBOUND/RESILIENCE:	Excellent
IMPACT STRENGTH:	Good
ADHESION TO METAL:	Excellent
ELECTRICAL RESISTIVITY:	Fair

ADDITIONAL COMMENTS:

Style 8110 is our high grade of Neoprene with 100% Neoprene base. It 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"