

NITRILE / BUNA-N / NBR

STYLE 8300

CHEMICAL NAME:	Butadiene Acrylonitrile
ASTM D-2000 CLASSIFICATION:	BF, BG, BK
DUROMETERS AVAILABLE:	20 thru 95 ± 5 (Shore A)
TENSILE STRENGTH RANGE:	200 to 3000 psi
ELONGATION (MAX):	600%
SPECIFIC GRAVITY (POLYMER):	1.00
TEMPERATURE RANGE (F°):	-50° to +225° F
WEATHER & SUNLIGHT AGING:	Fair
HEAT AGING @ 212°F:	Good
OXIDATION:	Good
OZONE:	Fair
RESISTANCE TO:	
ABRASION:	Good
TEAR:	Good
HYDROCARBON SOLVENTS/OIL:	Excellent
ACID; DILUTE/CONCENTRATE:	Good
ALKALI; DILUTE/CONCENTRATE:	Good
FLAME:	Poor
WATER SWELL:	Excellent
REBOUND/RESILIENCE:	Good
IMPACT STRENGTH:	Good
ADHESION TO METAL:	Good
ELECTRICAL RESISTIVITY:	Fair

ADDITIONAL COMMENTS:

Style 8300 is our commercial grade of Nitrile and is an outstanding oil resistant polymer, even in constant immersion. It has excellent resistance to fuels, oils and solvents. Although it should not be used in highly polar solvents like acetone and MEK, ozone, chlorinated and nitro hydrocarbons. It has excellent water, heat and abrasion resistance and good resistance to hydraulic fluids. It also has good resistance to compression set and tensile strength. It is recommended for soybean oils, but not ethanol.

Finish is plate (smooth).

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



PRODUCT DATA SHEET

Widths: 36" & 48"