

BLACK SBR RUBBER

STYLE 8001

CHEMICAL NAME:	Styrene Butadiene
ASTM D-2000 CLASSIFICATION:	AA, BA
DUROMETERS AVAILABLE:	40 thru 90 ± 5 (Shore A)
TENSILE STRENGTH RANGE:	400 to 2500 psi
ELONGATION (MAX):	500%
SPECIFIC GRAVITY (POLYMER):	0.94
TEMPERATURE RANGE (F°):	-50° to +180° F
WEATHER & SUNLIGHT AGING:	Poor
HEAT AGING @ 212°F:	Fair
OXIDATION:	Fair
OZONE:	Poor
RESISTANCE TO:	
ABRASION:	Good
TEAR:	Fair
HYDROCARBON SOLVENTS/OIL:	Poor
ACID; DILUTE/CONCENTRATE:	Poor
ALKALI; DILUTE/CONCENTRATE:	Poor
FLAME:	Poor
WATER SWELL:	Excellent
REBOUND/RESILIENCE:	Fair
IMPACT STRENGTH:	Good
ADHESION TO METAL:	Excellent
ELECTRICAL RESISTIVITY:	Excellent

ADDITIONAL COMMENTS:
Black SBR rubber is generally used for water service by most water utilities and can be used in services where the pH range is close to neutral. Also used in low pressure steam (50 psi or less), hot and cold water. It is a low cost material and is not recommended for most oils,

fuels, hydrocarbons, fats, greases, acids, alkalis or ozone.

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

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

Widths: 36", 48" & 72"