

NITRILE



For use in applications requiring a rubber sheet or gasket with high resistance to petroleum based fluids.

ADVANTAGES Very good resistance to oil and gasoline; superior resistance to petroleum-based hydraulic fluids; wide range of service temperatures; good resistance to hydrocarbon solvents; very good resistance to alkalis and acids.

LIMITATIONS Inferior resistance to ozone, sunlight and natural aging; poor resistance to oxygenated solvents.

APPLICATIONS Where oil resistance is the main concern (machinery gaskets, around oil and gas handling equipment, heat and oil resistant belting).

DUROMETER HARDNESS (SHORE A ± 5)	THICKNESS (INCHES)	AVAILABLE WIDTHS (INCHES)	TENSILE (MIN. PSI)	ULTIMATE ELONGATION (MIN. %)	TEMPERATURE RANGE	ESTIMATED WEIGHT PER LINEAR FOOT (1/8" X 36")	SPECIFICATIONS
40	1/16 - 1	36, 48	800	350	-20°F to 170°F	2.5 lb	ASTM D 2000 1BF 408 Z1, SAE J200 1BF 408 Z1 (Z1 = Meets basic requirements for BF materials. Physical properties are as listed.)
50	1/32 - 1	36, 48	800	300	-20°F to 170°F	2.6 lb	ASTM D 2000 1BF 508 Z1, SAE J200 1BF 508 Z1 (Z1 = Meets basic requirements for BF materials. Physical properties are as listed.)
60	1/32 - 1	36, 48	900	200	-20°F to 170°F	2.7 lb	ASTM D 2000 1BF 609, SAE J200 1BF 609
70	1/32 - 1	36, 48	1000	200	-20°F to 170°F	2.7 lb	ASTM D 2000 1BF 710, SAE J200 1BF 710
80	1/32 - 1	36, 48	1000	100	-20°F to 170°F	2.8 lb	ASTM D 2000 1BF 810, SAE J200 1BF 810

*Tables display most prevalent versions of material. Unlisted durometers and manipulations to these specification can be custom manufactured.