TYPICAL PROPERTIES OF

30 DUROMETER MEDIUM GRADE NEOPRENE

Description: Style AG30NEMG is a 30 durometer medium grade neoprene gasketing material designed for use in a wide variety of applications which require a higher percentage of neoprene. Known by the chemical name chloroprene, Style AG30NEMG provides good weathering and ozone resistance for your gasketing applications. 30 durometer medium grade neoprene is made from Neoprene (51%) and a blend of other elastomers and has a service temperature of -30° F to +200 °F. 30 durometer medium grade neoprene offers moderate resistance to oil and gasoline. Style AG30NEMG is formulated to meet the ASTM D2000 M1BC 303 specification.

Medium grade neoprene is available in a wide range of durometers, ranging from as soft as 30 Durometer (AG30NEMG) to as hard as 80 Durometer (AG80NEMG) with standard durometers in between. Style AG30NEMG is available in the color black and can be manufactured in a wide range of standard thicknesses, ranging from as thin a 1/32" to as thick as 1/4", with custom thicknesses available upon request. 30 durometer medium grade neoprene has a smooth finish and can be converted into rolls ranging from as narrow as 1/4 wide up to 48" in width. Custom widths are available upon request. Atlantic Gasket has the ability to fabricate 30 durometer medium grade neoprene by die-cutting or waterjet cutting to meet your exact requirements.

SPECIFICATIONS

ASTM D2000 M1BC 303

Physical Property	Unit of Measure	Typical Values
DUROMETER	SHORE A	30 +/- 5
TENSILE STRENGTH	psi	450 (min)
ELONGATION	%	300 (min)
LOW TEMPERATURE	^{0}F ^{0}C	-30 ^{0}F -34 ^{0}C
HIGH TEMPERATURE	^{0}F ^{0}C	200 ^{0}F 93 ^{0}C
COLOR	N/A	BLACK

General characteristics of neoprene rubber:

Dielectric Strength .... Very Good
Dilute Acid Resistance.. Excellent
Resistance to Oil and Gasoline .... Good
Resistance to Water Absorption .... Good
Resistance to Oxidation.. Very Good
Resistance to Ozone .... Very Good
Resistance to Sunlight Aging.. Very Good
Solvent Resistance – Oxygenated (Ketones, etc.) .... Poor to Fair
Resistance to Chlorinated Hydrocarbons .... Poor

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