

SUBMITTAL SHEET (effective 4/21/15)

Polymer Base: Neoprene (CR Based)
F-02043 (Black)

Physical Properties	Unit	Test Method	Typical Results
Density	g/cm ³	ASTM D 1056	0.304 ± 0.064
	lb/ft ³	ASTM D 1056	19 ± 4
Hardness, Durometer Shore 00		ASTM D 2240	60 ± 10
Compression Deflection (25%)	kPa	ASTM D 1056	76 ± 14
	psi	ASTM D 1056	11 ± 2
Compression Set	%	ASTM D 1056	≤ 25%
Tensile Strength	kPa	ASTM D 412 (Die A)	1030
	psi	ASTM D 412 (Die A)	150
Tear Strength	kN/m	ASTM D 624 (Die C)	6.1
	lb/in	ASTM D 624 (Die C)	35
Elongation	%	ASTM D 412 (Die A)	175%
Resilience	%	ASTM D 2632	45%
Service Temperature			
Low	°F	ASTM D 746	-40
High Continuous	°F	ASTM D 746	150
High Intermittent	°F	ASTM D 746	200
Water Absorption			
Maximum Weight Change	%	ASTM D 1056	≤5%
Fluid Immersion (7 days at 23 °C [73.4 °F])			
ASTM Ref. Fuel B, Weight Change (%)	%	ASTM D 1056	≤150%
Accelerated Aging (7 days at 70 °C [158 °F])			
Flexibility (180° bend without cracking)		ASTM D 1056	Pass
Appearance change		ASTM D 1056	None
Change in Compression Deflection	%	ASTM D 1056	± 30%
Combustion Characteristics		FMVSS-302	Pass

ASTM D 1056-14 designation: 2A3 / **2C3**
 SAE J 18 APR2002 designation: 2A3 / **2C3**
 ASTM D 6576-13: **II B Medium**



For updates to this document please refer to our website.

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