

DATA SHEET (effective 03/29/08)

Polymer Base: Neoprene, EPDM, SBR Blend

F-05522 (White)

Physical Properties	Unit	Test Method	Typical Results
Density	Kg/m ³	ASTM D 1056	96 ± 32
	lb/ft ³	ASTM D 1056	6 ± 2
Hardness, Durometer Shore 00		ASTM D 2240	50 ± 5
Compression Deflection (25%)	kPa	ASTM D 1056	48 ± 14
	psi	ASTM D 1056	7 ± 2
Compression Set	%	ASTM D 1056	≤ 35%
Tensile Strength	kPa	ASTM D 412 (Die A)	690
	psi	ASTM D 412 (Die A)	100
Tear Strength	kN/m	ASTM D 624 (Die C)	1.7
	lb/in	ASTM D 624 (Die C)	9.6
Elongation	%	ASTM D 412 (Die A)	125%
Resilience	%	ASTM D 2632	35%
Service Temperature			
Low	° F (° C)	ASTM D 746	-40 (-40)
High Continuous	° F (° C)	ASTM D 746	200 (93.3)
High Intermittent	° F (° C)	ASTM D 746	250 (121)
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	Not Applicable
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
			Passes flame test with thickness greater than 3/16" (4.76 mm) only

ASTM D 1056 designation: **2A2**
 SAE J 18 APR2002 designation: **2A2**
 ASTM D 6576: **II-B/C Soft/Medium**

For updates to this document please refer to our website.

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F-05522	01	03	08	NA	NA
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