



HANNA RUBBER COMPANY

# Specification Sheet

## Polymer Base: EPDM

(effective 02/25/08)

F-03943 (Dk. Gray)

Physical Properties	Unit	Test Method	Typical Results
Density	g/cm <sup>3</sup>	ASTM D 1056	0.304 ± 0.032
	lb/ft <sup>3</sup>	ASTM D 1056	19 ± 2
Hardness, Durometer Shore 00		ASTM D 2240	65 ± 5
Compression Deflection (25%)	kPa	ASTM D 1056	83 ± 21
	psi	ASTM D 1056	12 ± 3
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)	3.5
	lb/in	ASTM D 624 (Die C)	20
Elongation	%	ASTM D 412 (Die A)	200%
Resilience	%	ASTM D 2632	50%
Service Temperature			
Low	°F	ASTM D 746	-70
High Continuous	°F	ASTM D 746	220
High Intermittent	°F	ASTM D 746	250
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

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