



SEPTEMBER 2007  
**TYPICAL PHYSICAL PROPERTIES**  
**DURAFOAM™ S88, GREY**

PHYSICAL PROPERTY	TEST METHOD	UNITS	DURAFOAM™ S88
Polymer			PVC/NBR
Color			GREY
Density APPROX	ASTM-D-1056	Pcf	6
Compression Deflection @ 25%	ASTM-D-1056	Psi	6.5
C/D Heat Aging 7 days @ 158°F	ASTM-D-1056	% Max	30
Shore 00 Durometer			50
Compression Set (50%)	ASTM-D-1056	% Max	25
Tensile	ASTM-D-412	Psi Min.	120
Elongation	ASTM-D-412	% Min.	175
Fluid Immersion	ASTM-D-1056	Wt % Max.	50
Water Absorption	ASTM-D-1056 ASTM-D-1667	Wt % Max. Wt. % Max.	5 0.10
Linear Shrinkage 7 days @ 158°F	ASTM-C-534	% Max.	5
Ozone Resistance 72 hrs @ 50PPHM	ASTM-D-1171	Rating	0
Thermal Conductivity @ 75°F	ASTM C 177		0.30
Resilience (1/2" thk. @ 72°F) Bashore (% Rebounded Average)			12 – 18
Temperature Use: Cold Crack High	ASTM-D-1056	°F °F	-10°F +225°F
Flammability Rating	FMVSS302	O FLAME OUT	PASS
Sheet Size	+/- 3%	Inches	54 x 72"
Specifications:	ASTM-D-1056-67 ASTM-D-1056-98		SBE 41/42 2B1/2

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**ISO CERTIFIED 9001:2008**  
**CERTIFICATE #US08/5033**

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