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NEOPRENE / EPDM SPONGE DATA SHEET

Requirement / Specification	Specification Limits	Typical Value
Size - skin / skin (mm)	2000 x 1000 x 54 (±4)	
Compression @ 25% Deflection (kPa) ASTM D1056-00	35 - 65	43
Compression Deflection @ 50% (kPa) ASTM D1056-00	80 - 160	112
Density (kg/M ³) ISO 845-95	120 ± 20	122
Compression Set (50%22h20°C) ASTM D1056-00	25% Max.	19.1%
Water absorption, max. change in weight (%) ASTM D1056-00	10	0.8
Heat Ageing, Change in Compression Deflection, 168 hrs @ 70°C	± 30%	Pass
Flammability FMVSS 302	Burn Rate < 100mm	Pass
Flammability UL94 HBF		Pass
Elongation at Break (%) ISO 1798-7	N/A	>180
Tensile Strength (KN/M ²) ISO 1798-7	N/A	> 500
Temperature Range (Low - High)	N/A	-40 TO + 85 °C
High Intermittent	N/A	+100 °C.
Resistance to Air + UV		Excellent
Resistance to Oil		Poor
Resistance to Acids		Good
Environmental Protection		CFC and HFC free / Can be recycled
Specification	ASTM D1056-00 AFNOR 99-	2A2 B2C 2C08/3C08 B3 C2
This material passes the 3C08 requirements but the majority polymer is EPDM		
Change Control Date	Change	
30/07/2013	Created	