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Physical Properties SpongeSeal – R55105

SpongeSeal is a closed cell blend of Neoprene, EPDM and SBR polymers that exhibit excellent physical properties designed to meet a wide range of industrial applications. **SpongeSeal** is widely used in gasketing, weather-stripping, cushioning, packaging, padding, vibration dampening and insulating applications. It can be supplied with or without pressure sensitive adhesive in strips, rolls, sheets and die cut parts.

Property	Measure	Value
Density	p.c.f. (approximate)	5-7
Tensile	p.s.i. (typical)	50
Elongation	% (typical)	150
Durometer	OO (approximate)	40-60
Compression Deflection	p.s.i. (typical)	5-9
Water Absorption by Weight	% (maximum)	5
Accelerated Linear Shrinkage	% (typical)	5
Temperature Range	°F	-40 to +158
Weather Resistance	UV	Fair
	Ozone	Good
Flammability	UL 94 HBF	Pass
	UL 94 HF1	Pass
	UL Listed	E61989
	FM VSS #302	Pass
Specifications	ASTM D-1056-00	2A2
	ASTM D-1056-67(1)	SCE42
	SAE J18-02	2A2
	GM 6086M(3)	II

Properties are typical values. Final Determination for suitability for use must be made by the customer.