



# Material Specification Sheet

## NE Series - Soft/Medium

Material: SCE-42 Closed cell Neoprene Sponge  
Description: SCE-42 Grade Closed cell Neoprene Sponge is Neoprene/EPDM/SBR blend material used for gaskets, weatherstripping, and cushioning applications.

Technical Specifications				
Physical Property	U/M	Test Method	Value	Notes
		ASTM D1056-68	SCE-42	
		ASTM D1056-78	RE-42	
		Mil R 6130C	II-A	
		Mil C 3133B Std 670 B	SCE7F2	
		UL 157/ UL 50/ UL 508	Listed	
Compression Force Deflection	PSI		7	@ 25%; +/- 2
Density	PCF	ASTM D 3575	6	+/- 2
Durometer		Shore 00	52	+/- 7
Elongation	%	ASTM D 412	150	Minimum
Flammability		UL-94 HF-1	Listed	
Maximum Temperature	F		200	
Minimum Temperature	F		-40	
Shrinkage	%		5	7 days @ 158F
Tensile Strength	PSI	ASTM D 412	100	
Thermal Conductivity	K	ASTM C 177-85	.30	
Water Absorption	%	ASTM D 1056	5	Max. Weight Change

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