

TECHNICAL DATASHEET: SCE45B Neoprene Foam

PRODUCT DESCRIPTION

Firm, closed cell Neoprene foam

TYPICAL APPLICATIONS

- Ideal for reducing vibration and sound transmission through wall assemblies
- Commonly used as weatherproofing for skylights, construction and acoustical applications
- Great for weatherproofing and gasketing of doors, windows, hatches, etc.

PRODUCT FEATURES & BENEFITS

- High and low temperature resistance
- Passes FMVSS-302 requirements

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	
COLOR	Black	
POLYMER	Neoprene	
COMPRESSION DEFLECTION @ 25%	17 - 25 psi	ASTM D1056
DENSITY	10 - 14 lb/ft ³	ASTM D1056
COMPRESSION SET (MAX)	25%	ASTM D1056
WATER ABSORPTION (MAX)	5%	ASTM D1056
TENSILE STRENGTH	150 psi	ASTM D412
ELONGATION	125%	ASTM D412
COMPRESSION DEFLECTION CHANGE AFTER OVEN AGING (MAX)	±30%	ASTM D1056
THERMAL CONDUCTIVITY	.38 btu/(h·ft ² ·°F)	
FLAME RETARDANT	Yes	
FMVSS-302	Pass .068 or thicker	
MIL-R-6130C	II-A Firm	
UL 94 HF-1	Listed ¹	
TEAR STRENGTH	35 lb/in	ASTM D624
HIGH INTERMITTENT TEMPERATURE	250°F	
SERVICE TEMPERATURE	-40°F to 150°F	
ASTM D1056-07	2A5	
ASTM D1056-67	SCE45	
ASTM D1056-78	RE45	
ASTM D1056 SUFFIX'S	A1, B2, C1, F1, M	
ASTM D6576-07	Type II A, B, Firm	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**

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SCE45B Neoprene Foam**

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
MIL-C-3133C MIL STD 670B	SCE20	
RESILIENCE	15%	ASTM D2632

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