

TECHNICAL DATASHEET: SCE41B Neoprene Foam

PRODUCT DESCRIPTION

Soft, closed cell Neoprene/EPDM/SBR foam.

TYPICAL APPLICATIONS

- Ideal for reducing vibration and sound transmission through wall assemblies
- Commonly used as weatherproofing for skylights, construction and acoustical applications
- Gasketing of cleanrooms, doors, windows, hatches, etc.
- Sports equipment cushioning

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", 1"	
COLOR	Black	
POLYMER	Neoprene / Ethylene Propylene Diene Monomer (EPDM) / Styrene Butadiene Rubber (SBR)	
COMPRESSION DEFLECTION @ 25%	2 - 5 psi	ASTM D1056
DENSITY	4 - 8 lb/ft ³	ASTM D1056
COMPRESSION SET @ 50% (MAX)	40%	ASTM D1056
WATER ABSORPTION (MAX)	10%	ASTM D1056
TENSILE STRENGTH	75 psi	ASTM D412
ELONGATION	125%	ASTM D412
COMPRESSION DEFLECTION CHANGE AFTER OVEN AGING (MAX)	30%	ASTM D1056
THERMAL CONDUCTIVITY	.322 btu/(h·ft ² ·°F)	
FMVSS-302	Pass .098 or thicker	
UL 94 HF-1	Listed ¹	
TEAR STRENGTH	9.6 lb/in	ASTM D624
HIGH INTERMITTENT TEMPERATURE	250°F	
SERVICE TEMPERATURE	-40°F to 200°F	
RESILIENCE	35%	ASTM D2632
ASTM D1056	2A1	
ASTM D1056 SUFFIX'S	A1, C1, F2, M	
ASTM D6576	Type II A, B, C, Soft	

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. H-O will provide samples for this purpose at no charge. **REV. 0**

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SCE41B Neoprene Foam**

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
UL48	Listed	
UL50	Listed	
UL508	Listed	
UL50E	Listed	

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