

TECHNICAL DATASHEET: RE42E EPDM Foam

PRODUCT DESCRIPTION

Closed cell foam, blend of EPDM and Neoprene. Soft/medium density where a slightly firmer foam is needed.

TYPICAL APPLICATIONS

- Garage door seals
- Tonneau cover seals
- HVAC/duct seals
- Exterior mailbox box seals

PRODUCT FEATURES & BENEFITS

- Soft/medium firmness foam
- High and low temperature resistance
- Flame retardant

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 1/8", 3/16", 1/4"	
COLOR	Black	
POLYMER	Ethylene Propylene Diene Monomer (EPDM)	
COMPRESSION DEFLECTION @ 25%	5 - 9 psi	ASTM D1056
COMPRESSION DEFLECTION CHANGE AFTER OVEN AGING (MAX)	±30%	ASTM D1056
DENSITY	4 - 8 lb/ft ³	ASTM D1056
COMPRESSION SET (MAX)	35%	ASTM D1056
WATER ABSORPTION (MAX)	10%	ASTM D1056
TENSILE STRENGTH	100 psi	ASTM D412
ELONGATION	125%	ASTM D412
THERMAL CONDUCTIVITY	.300 btu/(h·ft ² ·°F)	
FLAME RETARDANT	Yes	
FMVSS-302	Pass .098" or thicker	
MIL-R-6130C	II-A Soft/Medium	
TEAR STRENGTH	9.6 lb/in	ASTM D624
HIGH INTERMITTENT TEMPERATURE	250°F	
SERVICE TEMPERATURE	-40°F to 200°F	
ASTM D1056-07	2A2	
ASTM D1056-78	RE42	
ASTM D1056 SUFFIX'S	A1, C1, F2, M	
ASTM D6576-07	Type II A, B, C Soft/Medium	
MIL-C-3133C MIL STD 670B	RE7	
RESILIENCE	35%	ASTM D2632

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**