

TECHNICAL DATASHEET: RE43E EPDM Foam

PRODUCT DESCRIPTION

Closed cell foam, blend of EPDM and Neoprene. Medium density foam where more compression resistance is needed.

TYPICAL APPLICATIONS

- NEMA enclosure seals
- HVAC, exterior curb seals
- Appliance gaskets/seals

PRODUCT FEATURES & BENEFITS

- Medium firmness foam
- High and low temperature resistance
- Flame retardant
- Higher tensile strength

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%	9 - 13 psi	ASTM D1056
COMPRESSION DEFLECTION CHANGE AFTER OVEN AGING (MAX)	±30%	ASTM D1056
DENSITY	7 - 11 lb/ft ³	ASTM D1056
COMPRESSION SET (MAX)	30%	ASTM D1056
WATER ABSORPTION (MAX)	5%	ASTM D1056
TENSILE STRENGTH	100 psi	ASTM D412
ELONGATION	125%	ASTM D412
THERMAL CONDUCTIVITY	.380 btu/(h·ft ² ·°F)	
FLAME RETARDANT	Yes	
FMVSS-302	Pass .098" or thicker	
MIL-R-6130C	II-A Medium	
TEAR STRENGTH	15 lb/in	ASTM D624
HIGH INTERMITTENT TEMPERATURE	250°F	
SERVICE TEMPERATURE	-70°F to 220°F	
ASTM D1056-07	2A3	
ASTM D1056-78	RE43	
ASTM D1056 SUFFIX'S	A1, C1, F2, M	
ASTM D6576-07	Type II A, B Medium	
MIL-C-3133C MIL STD 670B	RE11	
RESILIENCE	20%	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**