

TECHNICAL DATASHEET: RE45E EPDM Foam

PRODUCT DESCRIPTION

Closed cell foam, blend of EPDM and Neoprene. Firm foam where maximum compression resistance is needed.

TYPICAL APPLICATIONS

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

PRODUCT FEATURES & BENEFITS

- Maximum firmness foam
- High and low temperature resistance
- Flame retardant
- Highest 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%	17 -25 psi	ASTM D1056
COMPRESSION DEFLECTION CHANGE AFTER OVEN AGING (MAX)	±30%	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
FLAME RETARDANT	Yes	
FMVSS-302	Pass .068" or thicker	
MIL-R-6130C	II-B Firm	
TEAR STRENGTH	35 lb/in	ASTM D624
HIGH INTERMITTENT TEMPERATURE	250°F	
SERVICE TEMPERATURE	-40°F to 200°F	
ASTM D1056-07	2A5	
ASTM D1056-78	RE45	
ASTM D1056 SUFFIX'S	A1, B2, C1, F1, M	
ASTM D6576-07	Type II A, B, C Firm	
MIL-C-3133C MIL STD 670B	RE20	
RESILIENCE	15%	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**