

TECHNICAL DATASHEET:

1.2# Polyether Polyurethane Foam

PRODUCT DESCRIPTION

Open cell, low density polyether polyurethane foam.

TYPICAL APPLICATIONS

- Used for sound, light and dust seals.
- Prevents noise and air infiltration through and around all types of doors and windows
- Non-residue bonding system
- Ideal solution to insulating, cushioning, vibration damping, among many others

PRODUCT FEATURES & BENEFITS

- Very conformable

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 1"	
COLOR	Gray	
MATERIAL/SUBSTRATE	Polyether Polyurethane Foam	
CELL STRUCTURE	Open Cell	
DENSITY	1.20 lb/ft ³ ±10%	ASTM D3574
TENSILE STRENGTH (MINIMUM)	12 psi	ASTM D3574
TENSILE STRENGTH (AVERAGE)	19 psi	ASTM D3574
ELONGATION (MINIMUM)	130%	ASTM D3574
ELONGATION (AVERAGE)	210%	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 25%, AVERAGE	0.45 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 25%, MINIMUM	0.3 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 50%, AVERAGE	0.65 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 50%, MINIMUM	0.4 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 70%, AVERAGE	1.1 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 70%, MINIMUM	0.7 psi	ASTM D3574
INDENTATION FORCE DEFLECTION AVERAGE (25% DEFLECTION)	30 lb/50 in ²	ASTM D3574
INDENTATION FORCE DEFLECTION AVERAGE (65% DEFLECTION)	75 lb/50 in ²	ASTM D3574
INDENTATION FORCE DEFLECTION MINIMUM (25% DEFLECTION)	20 lb/50 in ²	ASTM D3574
INDENTATION FORCE DEFLECTION MINIMUM (65% DEFLECTION)	35 lb/50 in ²	ASTM D3574
TEAR STRENGTH (AVERAGE)	2.7 lb/in	ASTM D3574
TEAR STRENGTH (MINIMUM)	1.4 lb/in	ASTM D3574
FLAME RETARDANT	Flame retardant by special request	

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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TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
RETENTION OF TENSILE STRENGTH AFTER 22 HOURS, 140°C, DRY HEAT AGING	Min. 70%	ASTM D3574
RETENTION OF TENSILE STRENGTH AFTER 5 HOURS @ 120°C, STEAM AUTOCLAVE	Min. 70%	ASTM D3574
ROHS	Yes	

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