

TECHNICAL DATASHEET: 1.3# Polyurethane Hybrid Foam ("Ester-Like" Ether)

PRODUCT DESCRIPTION

Open cell, low density "ester-like ether" polyurethane foam.

TYPICAL APPLICATIONS

- Ideal for dust and insect filters
- Conformable weather stripping
- Acoustic Insulation
- Used in many areas requiring high compression and recovery
- Window screen tape seals half screen to meeting rail in window applications kicking bugs and debris to the curb
- Sealing access doors

PRODUCT FEATURES & BENEFITS

- Very conformable

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/8", 3/16", 1/4", 3/8", 1/2", 3/4", 1"	
COLOR	Gray	
MATERIAL/SUBSTRATE	Polyurethane Hybrid Foam ("Ester-like" Ether)	
CELL STRUCTURE	Open Cell	
DENSITY	1.3 lb/ft ³ ±10%	ASTM D3574
TENSILE STRENGTH (MINIMUM)	17 psi	ASTM D3574
TENSILE STRENGTH (AVERAGE)	23 psi	ASTM D3574
ELONGATION (MINIMUM)	90%	ASTM D3574
ELONGATION (AVERAGE)	120%	ASTM D3574
INDENTATION FORCE DEFLECTION AVERAGE (25% DEFLECTION)	72 lb/50 in ²	ASTM D3574
INDENTATION FORCE DEFLECTION AVERAGE (65% DEFLECTION)	165 lb/50 in ²	ASTM D3574
INDENTATION FORCE DEFLECTION MINIMUM (25% DEFLECTION)	60 lb/50 in ²	ASTM D3574
INDENTATION FORCE DEFLECTION MINIMUM (65% DEFLECTION)	110 lb/50 in ²	ASTM D3574
TEAR STRENGTH (AVERAGE)	2.1 lb/in	ASTM D3574
TEAR STRENGTH (MINIMUM)	1.3 lb/in	ASTM D3574

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**

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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 D3574-86
REACH	Yes	
ROHS	Yes	
COMPRESSION FORCE DEFLECTION @ 25%, AVERAGE	0.85 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 25%, MINIMUM	0.7 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 50%, AVERAGE	1.1 psi	ASTM D3574
COMPRESSION FORCE DEFLECTION @ 50%, MINIMUM	0.75 psi	ASTM D3574

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