

## TECHNICAL DATASHEET: 4# Polyether Polyurethane Foam

**PRODUCT DESCRIPTION**

Open cell, medium 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
- When used as foam wrap, it sets the window snugly into the house frame and insulates, saving time
- Ideal solution to insulating, cushioning, vibration damping, among many others

**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	Polyether Polyurethane Foam	
CELL STRUCTURE	Open Cell	
DENSITY	4 lb/ft <sup>3</sup> ±10%	ASTM D3574
TENSILE STRENGTH (MINIMUM)	16 psi	ASTM D3574
TENSILE STRENGTH (AVERAGE)	23 psi	ASTM D3574
ELONGATION (MINIMUM)	150%	ASTM D3574
ELONGATION (AVERAGE)	230%	ASTM D3574
INDENTATION FORCE DEFLECTION AVERAGE (25% DEFLECTION)	65 lb/50 in <sup>2</sup>	ASTM D3574
INDENTATION FORCE DEFLECTION AVERAGE (65% DEFLECTION)	150 lb/50 in <sup>2</sup>	ASTM D3574
INDENTATION FORCE DEFLECTION MINIMUM (25% DEFLECTION)	55 lb/50 in <sup>2</sup>	ASTM D3574
INDENTATION FORCE DEFLECTION MINIMUM (65% DEFLECTION)	110 lb/50 in <sup>2</sup>	ASTM D3574
TEAR STRENGTH (AVERAGE)	2.30 lb/in	ASTM D3574
TEAR STRENGTH (MINIMUM)	1.50 lb/in	ASTM D3574
FLAME RETARDANT	Flame retardant by special request	
FMVSS-302	Pass	

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
REACH	Pass	
ROHS	Pass	

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