

**PRODUCT: AF-023**

**REV050823NT**

**PRODUCT DESCRIPTION:** Acoustic open-cell polyether foam.

Physical Property	Description - Value	
Material	Polyether Polyurethane Foam	
Color	Charcoal	
Available Thicknesses	0.125 in (3.18 mm) - 4.0 in (102 mm)	
Density	1.90 lb/ft <sup>3</sup> (298 N/m <sup>3</sup> ) +/- 0.10%	
	<b>Minimum</b>	<b>Average</b>
Tensile Strength	20.0 psi (138 kPa)	25.0 psi (172 kPa)
Elongation	180%	300%
Tear Resistance	1.50 lb/in (2.63 N/cm)	3.00 lb/in (5.25 N/cm)
Air Flow	0.5 ft <sup>3</sup> / 4 in <sup>2</sup> / min (5.49 m <sup>3</sup> / m <sup>2</sup> / min)	4.00 ft <sup>3</sup> / 4 in <sup>2</sup> / min (43.88 ft <sup>3</sup> / m <sup>2</sup> / min)
Indentation Force Deflection 25% Deflection	0.6 psi (4.1 kPa)	0.8 psi (5.5 kPa)
Indentation Force Deflection 65% Deflection	1.1 psi (7.6 kPa)	1.6 psi (11.0 kPa)
Retention of Tensile Strength after 5 hours, 120°C, Steam Autoclave	70% minimum	
Retention of Tensile Strength after 22 hours, 140°C, Dry Heat Aging	70% minimum	
Flammability	FMVSS 302	

Test Methods: ASTM-D3574-[latest revision]. Standard Methods of Testing Flexible Cellular Materials – Slab, Bonded, and Molded Urethane Foam.

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