



## Material Specification Sheet

**Material Number:** 17180

**Description:** 1.8 lbs. / ft.<sup>3</sup> Flexible Polyether Urethane Sound Absorption Foam

**Applications:** 17180 is primarily used for sound absorption and cushioning, vibration damping, and thermal insulation.

**Product Construction:** Open-Cell Polyether Polyurethane Foam

### Typical Physical Properties:

Property	Test Method	Value
Density	ASTM D 3574	1.62 – 1.98 lbs. / ft. <sup>3</sup> , certified
Tensile Strength	ASTM D 3574	12 psi min.
Elongation	ASTM D 3574	140% min.
Flammability	UL94 HF-1 FMVSS302	Certified @ 3.3 mm Certified
Service Temperature Range	Continuous	-40°F to 250°F (-40°C to 121°C)
Color	N/A	Charcoal

### Acoustical Properties:

Sound absorption coefficients given below were obtained by testing per ASTM C 423.

Thickness	Frequency					
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1"	0.10	0.24	0.59	0.94	1.00	1.02
2"	0.25	0.66	1.16	1.08	1.00	1.07

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