

DESCRIPTION



Consists of:

1. Bi-directional scrim reinforced heat reflective foil facing.
2. Open cell polyether urethane sound absorbing foam.

(Foam available in various thicknesses – contact Sales for more information).

APPLICATIONS

- The open cell foam is faced with a heat reflective reinforced foil which acts as both a diaphragm to tune the absorber and as protection against moisture and other contaminants.
- The foil facing provides radiant heat reflection and protection to the foam layer underneath.
- This product passes Docket 90A requirements when the edges are sealed with reinforced foil tape.



TYPICAL VALUES

1. Reinforced Foil Facing TRL(1)

Characteristic:	Typical Value:
Type:	Reinforced Aluminum Foil
Foil Thickness:	0.7 mil (0.0007 in)
Scrim:	Bi-direction Fiberglass Strand
Total Weight:	0.29 oz/ft ²
Backing:	Heat seal co-polymer
Tensile Strength:	20 lb/in (MD) 25 lb/in (XD) (ASTM C1136)
Service Temperature:	-40 °F – 400 °F (remains flexible, no delamination)

2. Ether Foam

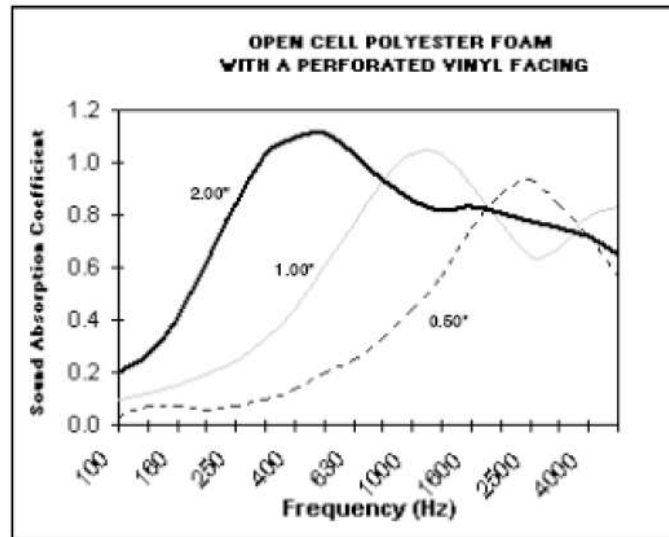
Characteristic:	Typical Value:
Type:	Polyether urethane
Density:	1.5 lb/ft ³ (ASTM D3574)
Tensile:	12 psi min. (ASTM D3574)
Tear:	1.2 lb/in min. (ASTM D3574)
Elongation:	100% min. (ASTM D3574)
Operating Range:	-40°F to 225°F
Thermal Conductivity:	0.27 BTU-in/hr-ft ² °F (ASTM C518)
Flammability:	FMVSS302 – Pass

Composite

Characteristic:	Typical Value:
Lamination of Layers:	Thermal Bond - No Adhesives
Peel Strength between Layers:	700 g/in (ASTM D 1876 Mod)(Or material destruction)
Flammability:	FMVSS 302 – Pass

In Canada: ISO 9001:2000, Responsible Care
In USA: ISO 9001:2000, ISO/TS 16949, ISO 14001

TYPICAL SOUND ABSORPTION VALUES FOR CONASORB



In Canada: ISO 9001:2000, Responsible Care
In USA: ISO 9001:2000, ISO/TS 16949, ISO 14001