

PRODUCT:

AF-001

REV082015

PRODUCT DESCRIPTION:

Acoustic polyester foam

FOAM

Physical Property	Description - Value	Tolerance	Test Standard
Material	Polyester Polyurethane Foam	NA	NA
Color	Charcoal	NA	NA
Density	2.0 lb/cf	+/- 0.1	ASTM D3574
Tensile Strength	18.0 psi	minimum	ASTM D3574
Elongation	160%	minimum	ASTM D3574
Tear Resistance	1.20 lb per linear inch	minimum	ASTM D3574
Compression Force Deflection 25% Deflection	0.35 lb per square inch	minimum	ASTM D3574
Compression Force Deflection 50% Deflection	0.40 lb per square inch	minimum	ASTM D3574
Retention of Tensile strength after 3 hours, 105 °C, Steam Autoclave	70%	minimum	
Retention of Tensile strength after 22 hours, 105 °C, Steam Autoclave	70%	minimum	
Pores per inch	55 pores per inch	+/- 5	
Flammability	MVSS302, UL-94 HF-1,		
Temperature Range	-40 F to 220 F, (-40C to 104C)	Continuous	

Compliance Features:

- Meets the Requirements of RoHS through June 2013 Revision of SVHC (Restriction of Hazardous Substances European Union Directive – 2002/95/EC)
- Compliant with European Union REACH (Registration, Evaluation and Authorization of Chemical Substances - EC1907/2006)

THE VALUES PRESENTED ARE TYPICAL AND ARE NOT INTENDED FOR SPECIFICATION PURPOSES. This information is provided without warranty, representation, inducement or license of any kind. INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE, except that it is accurate to the best of Technicon Industries' knowledge or obtained from sources believed by Technicon Industries to be accurate, and Technicon Industries does not assume any legal responsibility for the use or reliance upon same. Customers are encouraged to conduct their own tests for suitability and conformance.