

**PRODUCT: AF-001-X0-PB-00**

**REV061223NT**

**PRODUCT DESCRIPTION:** Acoustic open-cell polyester foam with black perforated vinyl facing.

**FACING:**

Physical Property	Description - Value		Test Method
Material	Vinyl		
Backing Material	Knitted Polyester/Viscose		
Basis Weight	1.7 lb (7.6 N) +/- 5%		
Width	54 in (1.4 m)		
Thickness	0.05 mil (0.00127 mm)		
	<b>Longitudinal</b>	<b>Transverse</b>	
Breaking Strength	22 lb/in (250 N/cm)	10 lb/in (113 N/cm)	ASTM D 751
Tearing Strength	6 lb (27 N)	5 lb (22 N)	ASTM D 751

**FOAM:**

Physical Property	Description - Value	
Material	Polyester Polyurethane Foam	
Color	Charcoal	
Available Thicknesses	0.125 in (3.18 mm) - 4.0 in (102 mm)	
Density	2.00 lb/ft <sup>3</sup> (314 N/m <sup>3</sup> ) +/- 0.10%	
	<b>Minimum</b>	<b>Average</b>
Tensile Strength	18.0 psi (124 kPa)	25.0 psi (172 kPa)
Elongation	170%	220%
Tear Resistance	2.00 lb/in (3.50 N/cm)	2.50 lb/in (4.37 N/cm)
Compression Force Deflection 25% Deflection	0.40 psi (2.8 kPa)	0.50 psi (3.4 kPa)
Compression Force Deflection 50% Deflection	0.45 psi (3.1 kPa)	0.60 psi (4.1 kPa)
Compression Set @ 50%	8% maximum	
Retention of Tensile Strength after 3 hours, 105°C, Steam Autoclave	70% minimum	
Retention of Tensile Strength after 22 hours, 140°C, Dry Heat Aging	70% minimum	
Pores per inch	55 +/- 5	
Flammability	FMVSS 302, UL 94 HF-1	

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

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