

PRODUCT: AF-021-X0-PG-00

REV050123NT

PRODUCT DESCRIPTION: Acoustic polyether foam with gray perforated facing.

FACING

Physical Property	Description - Value		Test Method
Material	Substrate – Polyester		
	Headliner Pattern		
Gauge/Thickness	22 mil (0.55 mm) +/- 10%		
Width	57 in -0, +1 in (1.4 m -0, +0.0254 m)		
Basis Weight	30 +/- 2.5 oz/lin yd (0.93 +/- 0.078 kg/lin m)		ASTM D 751
	Machine Direction	Cross Direction	
Tensile Strength (minimum)	112 lb (500 N)	67.4 lb (300 N)	CFFA-17
Tearing Strength (minimum)	22.5 lb (100 N)	33.7 lb (150 N)	CFFA-16
Surface Abrasion	Pass		Heavy Canvas
(Wyzenbeek Abrasion)	Pass		SS Screen 50x70 mesh *
			25,000 Cycles
Cold Crack @ -10 °F OR -23 °C	Pass		FED 191A-5874
Flammability	Pass		FMVSS 302
UV Stabilized Pigments	3.5 min		ASTM G 53 (QUV:500 hr)
Blocking Resistance	Pass		CFFA-4
Class Rating	Class A		ASTM D 3690

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	1.80 lb/ft ³ (282 N/m ³) +/- 0.10%	
	Minimum	Average
Elongation	140%	250%
Indentation Force Deflection 25% Deflection	0.6 psi (4.1 kPa)	0.8 psi (5.5 kPa)
Indentation Force Deflection 65% Deflection	1.0 psi (6.9 kPa)	1.4 psi (9.7 kPa)
Retention of Tensile Strength after 5 hours,	70% minimum	
120°C, Steam Autoclave		
Retention of Tensile Strength after 22 hours,	70% minimum	
140°C, Dry Heat Aging		
Flammability	FMVSS 302, UL 94	4 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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