

**PRODUCT: AF-021-X0-NR-00**

**REV100323NT**

**PRODUCT DESCRIPTION:** Acoustic polyether foam with high noise reduction coefficient facing.

#### FACING

Physical Property	Description - Value		Test Method
Material	100% Polyethylene Terephthalate		
Coating Color	Black		
Thickness	23 mil (0.58 mm)		ASTM D 5729
Basis Weight	0.0244 lb/ft <sup>2</sup> (1.17 N/m <sup>2</sup> )		ASTM D3776
Airflow Resistance	2500 rayls [Pa*s/m]		ASTM C 522
	<b>Machine Direction</b>	<b>Cross Direction</b>	
Breaking Force	53 lb/in (600 N/cm)	42 lb/in (470 N/cm)	ASTM D 5035
Elongation	30%	64%	ASTM D 5035
Roll Width	75 in (190.5 cm)		
Flame Retardance	Pass		ASTM D 5123, FMVSS 302

#### 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 <sup>3</sup> (282 N/m <sup>3</sup> ) +/- 0.10%	
	<b>Minimum</b>	<b>Average</b>
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, 120°C, Steam Autoclave	70% minimum	
Retention of Tensile Strength after 22 hours, 140°C, Dry Heat Aging	70% minimum	
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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