

1# Barrier/.25" Polyester

Typical Physical Properties: Barrier

Specification	Typical Results
Material	Flexible PVC vinyl
Color	Charcoal grey
Weight	1.0 lb/ft ² ± 0.1 lb/ft ²
Thickness	0.09 in ± 0.01 in
Service Temperature	-40° to 220°F
Chemical Resistance	Excellent for most acids, mild alkalis, oils and grease
Flammability <i>FMVSS 302</i>	Pass

Acoustical Properties

ASTM E90 and E413 on 1 lb/ft² barrier

Frequency (Hz)	125	250	500	1000	2000	4000	STC
TL (dB)	17	19	24	29	34	40	28

Typical Physical Properties: Polyester Foam

Specification	Test Method	Typical Results
Material	N/A	Polyester Polyurethane
Color	N/A	Charcoal
Density	ASTM D3574	2.0 lbs/ft ³
Tensile Strength	ASTM D3574	18.0 psi min
Elongation	ASTM D3574	160% min
Tear Resistance	ASTM D3574	1.20 lbs per linear in min
Compression Force Deflection <i>25% Deflection</i> <i>50% Deflection</i>	ASTM D3574	0.35 lb per square in 0.40 lb per square in
Retention of Tensile Strength after 3 hours, 105°C, Steam Autoclave		70% min
Retention of Tensile Strength after 22 hours, 105°C, Steam Autoclave		70% min
Pores per inch		55 ± 5
Temperature Range		-40° to 220°F
Flammability	FMVSS 302 UL-94 HF-1	Pass Pass

**Meets the Requirements of RoHS
Compliant with European Union REACH**

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