

**PRODUCT: VBFF-301-41-00-94 REV040318**

**PRODUCT DESCRIPTION:** 1 lb/sf PVC barrier with 1 inch polyester foam absorber, 1/4 inch foam decoupler with pressure sensitive adhesive.

**BARRIER**

Physical Property	Description - Value	Tolerance
Material	Flexible PVC vinyl (polyvinylchloride)	
Color	Charcoal gray	
Weight	1.0 lb/sf	0.1 lb/sf
Flammability	MVSS-302	
Service Temperature	-40°F to 220°F	
Chemical Resistance	Excellent for most acids, mild alkalis, oils and grease	

**FOAM**

Physical Property	Description - Value	Tolerance	Test Standard
Material	Polyester Polyurethane Foam	NA	NA
Color	Charcoal	NA	NA
Density	2.0 lb/cf	+/- 0.2	ASTM D3574
Elongation	160%	minimum	ASTM D3574
Tensile Strength	18.0 psi	minimum	ASTM D3574
Tear Strength	1.90 pli	minimum	ASTM D3574
Flammability	MVSS302, UL-94 HF-1, SAE J369 SE/NBR		

**ADHESIVE**

Physical Property	Description - Value	Tolerance	Test Standard
Material	Acrylic		
Type	Unsupported		
Thickness	4 mils	+/- 0.4 mils	
Peel Adhesion	65 oz/inch width		PSTC #101 Method E
Static Shear	7 days		PSTC #107 @72 °F, 1000gm/sq. in (One minute maximum dwell time)
Temperature range	-30 °F to 220 °F	Intermittent to 250°F	On properly cleaned surface
Liner	74 lb		

**ACOUSTICAL PROPERTIES**

ASTM E90 and E413 on 1 lb/sf barrier only

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

**AVAILABLE SIZES**

Roll	54" X 25'
Sheet	As Specified

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