

PRODUCT: VBF-351-01-DF-00 REV061016

PRODUCT DESCRIPTION: Mass loaded PVC barrier with 1/4 inch nitrile/PVC decoupler and black diamond PVC wear surface. Overall composite surface density of 1 lb/ft².

BARRIER

Physical Property	Description - Value
Material	Flexible PVC vinyl (polyvinylchloride)
Color	Charcoal gray
Specific Gravity	1.8 g/cc
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	Standard	Tolerance
Material	Nitrile/PVC		
Color	Black		
Classification	2C1	ASTM D1056	
Density	4.5 lb/cf	ASTM D1056	+/- 1 lb/cf
Flammability	0 Burn Rate	FMVSS302	
Tensile Strength	40 psi	ASTM D412	Minimum
Elongation	100%	ASTM D412	Minimum
25% Compression Resistance	2.75 psi	ASTM D1056	+/- 0.75 psi
Water Absorption	10%	ASTM D1056	Max

FACING

Physical Property	Description - Value	Test Standard
Material	PVC	
Hardness	85 Shore A Durometer +/- 5	ASTM D2240
Elongation	125% minimum	ASTM D412
Tensile Strength	600 PSI minimum	ASTM D412
Tear Strength – Die “C”	125 lbs	ASTM D412

AVAILABLE SIZES

Roll	54" X 25'
Sheet	As Specified

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Sound Transmission Loss to SAE J1400

Sound Transmission Class computed using procedures in ASTM E413

Frequency	STL
(Hz)	(dB)
80	3
100	5
125	12
160	10
200	14
250	14
316	18
400	20
500	24
630	25
800	26
1000	29
1250	31
1600	33
2000	33
2500	35
3160	36
4000	37
5000	38
6300	39
8000	42
STC	26

