

Mass Loaded Vinyl Barrier

Product Description

ResoNix Mass Loaded Vinyl Barrier is a dense, inorganic-filled vinyl-based polymer designed to offer transmission loss properties over a broad temperature and frequency range.

Property	Test Method	Test Method
Thickness, in*	0.100 – 0.160	–
Basis Weight, lb/ft ²	1	–
Stiffness, MPa	26	ASTM D 747
Specific Gravity, gm/cc	1.85	ASTM D 792
Tensile, psi, Min	450	ASTM 412 DIE C
Elongation %, Min	210	ASTM D 412, DIE C
Tear, lb/in, Min	90	ASTM D 624, DIE C
Hardness, Shore A ₂	85	ASTM D 2240
Flammability	PASS	MVSS 302
Temperature Range, °F	-40 to +250	–

** Barriers and barrier composites are sold on the basis of weight only. Thickness and stiffness of our barrier products may vary from shipment to shipment and such variations should be considered normal and not grounds for acceptance or rejection of the product.*

Performance (Transmission Loss in dB)								
Weight (Mass)	Thickness (in)	125	250	500	1000	2000	4000	STC
1 lb/ft ²	0.100 to 0.160	15	17	21	28	34	38	26

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