

Noise Barrier Composite

Frequency (Hz)	Transmission Loss (dB) BM-1C
80	23
100	23
125	23
160	23
200	23
250	23
315	22
400	26
500	30
630	33
800	38
1000	42
1250	45
1600	47
2000	47
2500	47
3150	51
4000	53
5000	55
6300	56

STC	34
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BARYMAT BM-1C

BARYMAT BM-1C is an extremely versatile noise control composite. It consists of (from the top down) a clear, tough, polyester cover for contamination and weather (inc'l. UV) resistance, a loaded, flexible, 1.6 lb. per sq. ft. barrier for transmission loss (.8 lb. also available) and a .25 in. urethane foam decoupler. BARYMAT BM-1C is very effective as an acoustic lagging to reduce breakout noise in pipes and ducts and can be used to increase transmission loss in walls and ceilings.

APPLICATIONS AND PRODUCT DATA

USES

- Pipe / Duct Wrap
- High TL Walls & Ceilings
- Lagging for Machinery Housings

BARYMAT BM-1C is easy to apply and is cut with common utility knives. For secure and permanent installations use reinforced duct type tape, mechanical fasteners or specified adhesive – available from Wilrep Ltd.

THICKNESS

BM-1C: Approx. .3125 in. – overall composite thickness.

STANDARD DIMENSIONS

Sheets: 54" wide X 72", untrimmed (27 sq. ft.)

Rolls: 54" wide X 30', untrimmed (135 sq. ft.)

CUSTOM TRIMMING AND DIE CUTTING CAN BE PROVIDED

TYPICAL PHYSICAL PROPERTIES

Barrier Colour: Black

Foam Colour: Charcoal Grey

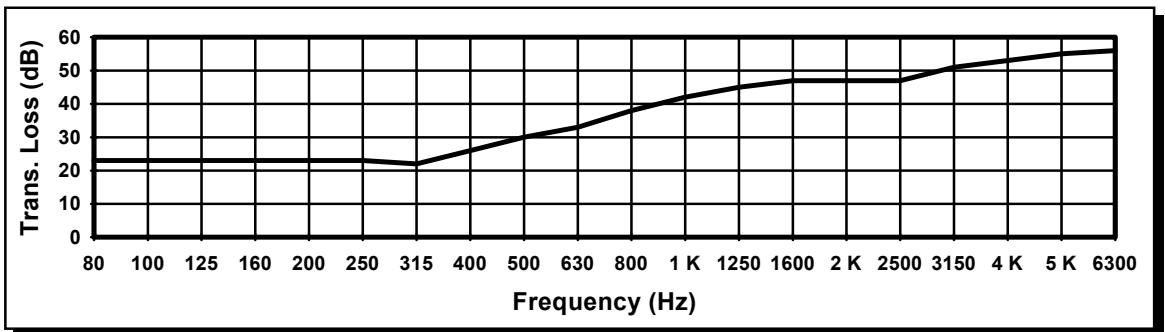
Foam Density: ASTM D 3574-86 – 1.8 - 2.2 lb. / cu. ft.

Composite Weight: **BM-1C** – 1.7 lb. / sq. ft. (**BM-1A** – 0.9 lb. / sq. ft.– also available)

Flammability: MVSS 302 – Passes

PERFORMANCE DATA

Performance data is an extract from NRC - Ottawa report on tests according to ASTM E 90-90 with material adhered to 16 ga. steel.



NOTICE Stated performance data is based on recognized testing methods. Product performance can be affected by field conditions and installation methods. Users of these products are responsible for determining suitability for their application and compliance with any legal provisions including those relating to health and safety.

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