

# Reinforced Barrier Material - RB

## Extremely Durable & Highly Flexible Acoustic Barrier

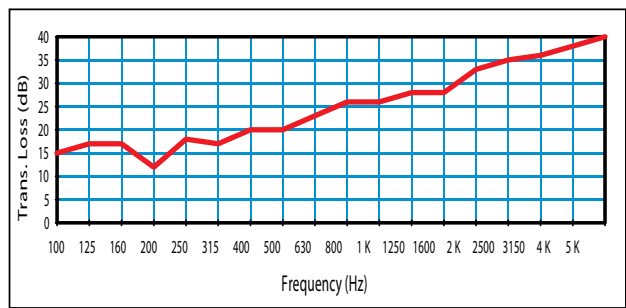


**Reinforced Barrier - RB** is a loaded PVC with a fiberglass scrim center making it a extremely durable and highly flexible acoustic barrier. This 1 Lb. per sq. ft. material is an attractive light silver/grey in color. It is very easy to work with and readily accepts fittings such as grommets or velcro, making it an excellent choice for curtains or acoustic over-wraps. The surface is easy to clean and contamination resistant, allowing it to be used in nearly any environment.

### PERFORMANCE

Frequency (Hz)	Transmission Loss (Db) RB
100	15
125	17
160	17
200	12
250	18
315	17
400	20
500	20
630	23
800	26
1000	26
1250	28
1600	28
2000	33
2500	35
3150	36
4000	38
5000	40
<b>STC</b>	<b>25</b>

Performance data on tests according to ASTM E 90-75 and ASTM E 413-73.



### APPLICATION & PRODUCT DATA

#### USES

- Curtain Barrier ▪ Acoustic Wrap
- Machine Guard Flaps (Acoustic not protective)

RB is easy apply and can be cut with a common utility knife. Secure and permanent installations may include

#### THICKNESS

RB Approx. 0.90 inch. to .105 inch. thick.

#### STANDARD DIMENSIONS

Rolls: 54" wide X 60' trimmed (270 sq. ft.) - Part rolls available

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

#### TYPICAL PHYSICAL PROPERTIES

- Reinforcement: 15 mil. Fiberglass Scrim  
 Tensile: ASTM D4 12-64 - 495 Lb. / Sq. In.  
 Elongation: ASTM D4-64 - 200%  
 Tear: ASTM D 1004 - 66- - 90 Lb. / In.  
 Weight: 1.0 Lb. / SQ. Ft.  
 Cold Crack: (@-40° F/C) - No crack when bent 180° over 1" mandrel  
 Flammability: MVSS 302 – Passes, Self-extinguishing / No burn rate

**NOTICE:** Stated 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.