

# AcoustiGuard™ RB

AcoustiGuard™ RB is a 'loaded' PVC with a fiberglass scrim center making it an extremely durable and highly flexible acoustic barrier. This 1.0 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.

## Reinforced Acoustic Barrier

Frequency (Hz)	Transmission Loss (dB) AcoustiGuard™ 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>

### APPLICATIONS AND PRODUCT DATA

#### USES

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

AcoustiGuard™ is easy to apply and is cut with common utility knives. Secure and permanent installations may include grommets, hook & loop and mechanical fasteners or specified adhesive – available from Wilrep Ltd.

#### THICKNESS

**AcoustiGuard™ RB:** Approx. .090 in. – .105 in. thick.

#### STANDARD DIMENSIONS

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

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

CUSTOM CURTAIN SYSTEMS, TRIMMING AND DIE CUTTING CAN BE PROVIDED

#### TYPICAL PHYSICAL PROPERTIES

**Reinforcement:** 15 mil Fiberglass Scrim

**Tensile:** ASTM D4 12-64 – 495 lb. / sq. in.

**Elongation:** ASTM D4 12-64 – 200 %

**Tear:** ASTM D 1004-66 – 90 lb. / in.

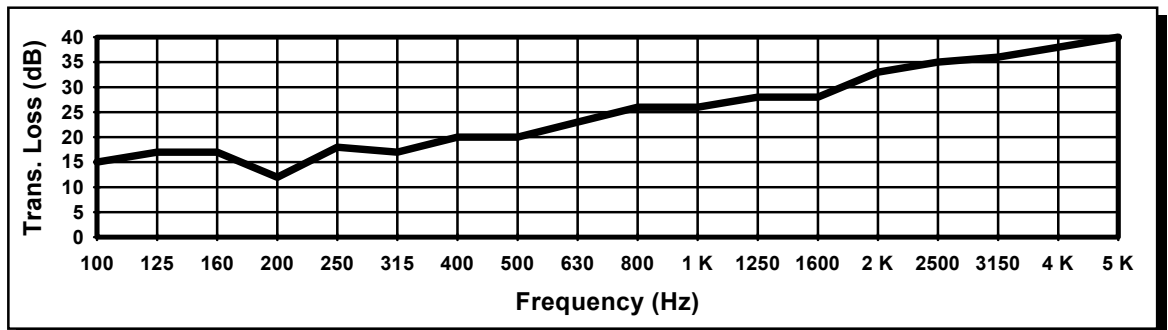
**Weight:** **AcoustiGuard™ RB** – 1.0 - 1.1 lb. / sq. ft.

**Cold Crack:** (@ -40° F/C) – No crack when bent 180° over 1" mandrel

**Flammability:** MVSS 302 – Passes, Self-extinguishing / No burn rate

### PERFORMANCE DATA

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



**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.

**WILREP LTD.**

1515 Matheson Blvd. E., Unit C-10, Mississauga, Ontario, Canada L4W 2P5

**Tel. (905)625-8944      Fax (905)625-7142**

**www.wilrep.com      e-mail: wilrep@idirect.com**