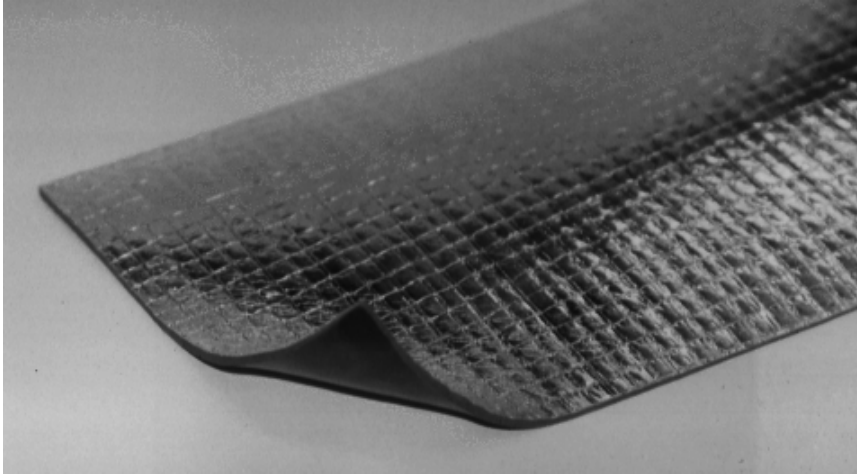
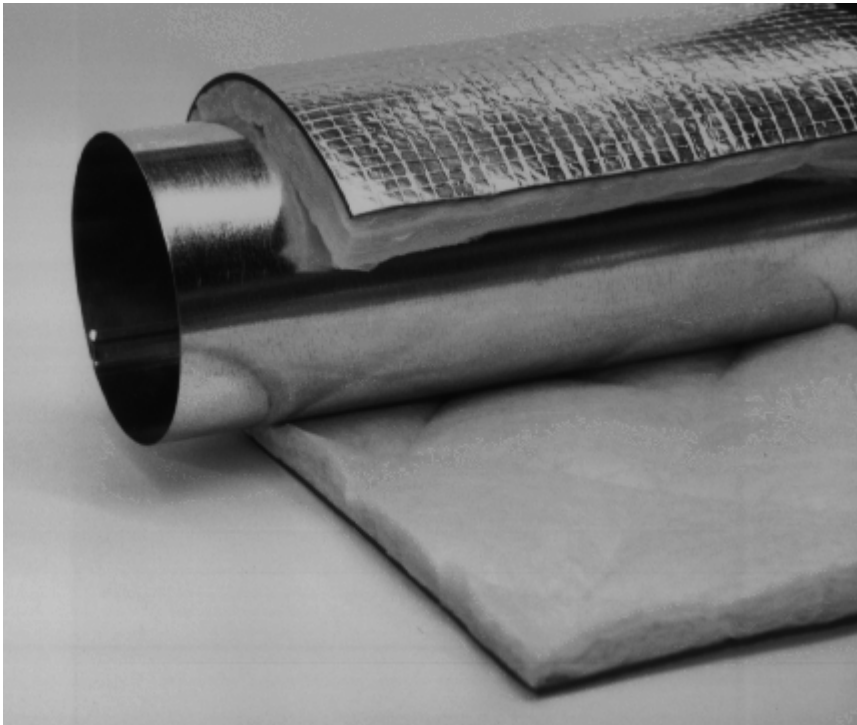


## AcoustiGuard™ LAG 'FR' and LAG 'FRC' Acoustical Pipe / Duct Lagging



**Model LAG 'FR'** – 1.0 Lb. per sq. ft. loaded vinyl barrier with reinforced aluminum foil facing.



**Model LAG 'FRC'** – 1.0 Lb. per sq. ft. loaded vinyl barrier with reinforced aluminum foil facing and nominal 1" thick quilted fiberglass decoupler.

**Model LAG 'FR'** Acoustical Pipe / Duct Lagging combines a loaded vinyl with a reinforced aluminum foil facing on one side.

The vinyl provides mass and flexibility while the aluminum foil adds increased mechanical strength, weatherability, an attractive appearance and improved fire retardancy.

**Model LAG 'FRC'** is available with a nominal 1" thick quilted fiberglass decoupler which allows the vinyl barrier to float independently of the noise source thus maximizing performance.

### APPLICATIONS

- PROCESS PIPING
- DUCT WORK
- HEAT EXCHANGERS
- VALVES
- MIXING BOXES
- MATERIAL TRANSFER LINES
- PETRO-CHEMICAL and WASTEWATER TREATMENT PLANTS
- GAS UTILITY PRESSURE-REDUCING STATIONS
- COMMERCIAL and RESIDENTIAL H.V.A.C. APPLICATIONS

### BENEFITS

**STC** - Up to 27.

**Fire Safe** - Meets Class 1 when properly installed. Low smoke and flame spread.

**Easy Installation** - Using bands, matching lag tape or mechanical fasteners.

**No Down Time** - Can be installed during normal equipment operation. No shut down required.

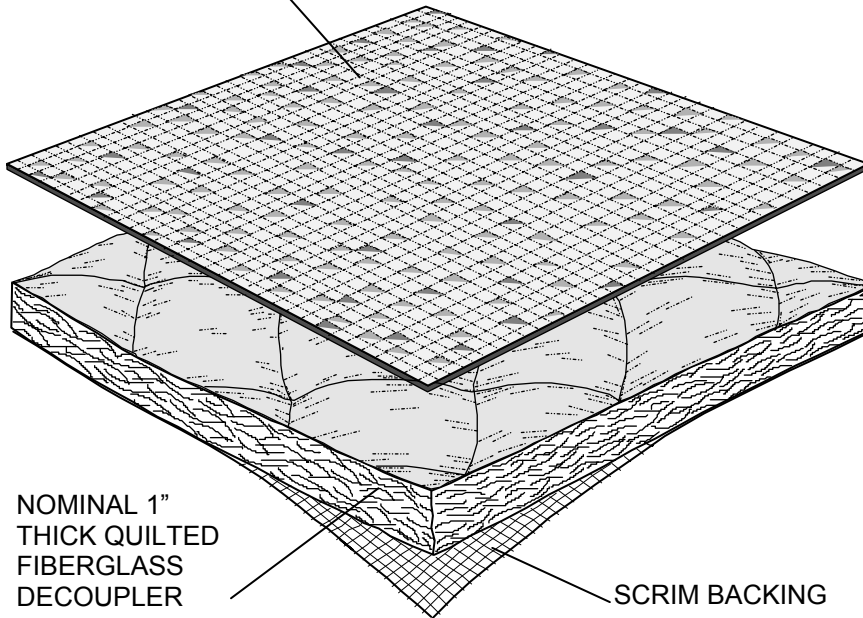
**Durable** - Tear and puncture resistance. Offers moisture, oil and chemical resistance. Will not rot, shrink or cause metal corrosion.



**Model LAG 'FR' & 'FRC'** has an operating temperature of -40° to 220°F. The barrier component is available in 54" X 60' rolls. The composite is available in 54" X 30' rolls. The composite incorporates a 1" quilted fiberglass decoupler which allows for a one step installation process. This significantly reduces installation labour and enhances noise reduction properties. Simply cut to length and secure in place using FSK tape, duct tape, bands or mechanical fasteners.

### COMPOSITE CROSS-SECTION

1.0 LB. PER SQ. FT.  
LOADED VINYL with  
REINFORCED  
ALUMINUM FACING



NOMINAL 1"  
THICK QUILTED  
FIBERGLASS  
DECOUPLER

SCRIM BACKING

### PRODUCT PROPERTIES

#### Sound Transmission Loss

Frequency, Hz.	TL, dB
125	15
250	19
500	21
1000	28
2000	33
4000	37
<b>STC</b>	<b>27</b>

#### Surface Burning Characteristics per ASTM E84

Flame Spread Index	10
Smoke Devel. Index:	40

#### Flammability per Fed. Test Std. No. 191-5903

Flame Out:	0 Seconds
Afterglow:	0 Seconds
Char length:	0.2 Seconds

**Service Temp.:** -40° to 220°F.

**Corrosion Resistance:** Excellent for most oils, grease, acids and mild alkalis.

**Material Thickness:**  
0.10" Barrier; 1.0" Composite.

**Material Roll Size:**  
54" X 60' Barrier Only  
54" X 30' Composite

For complete application assistance contact direct,

### **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](http://www.wilrep.com)

**e-mail: [wilrep@idirect.com](mailto:wilrep@idirect.com)**