

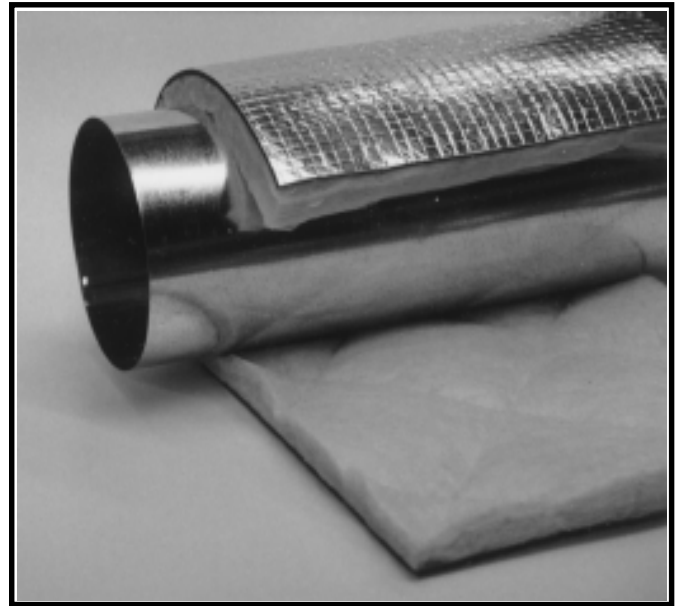


Model LAG 10 (Acoustical Pipe/Duct Lagging)

Model LAG 10 Acoustical Pipe/Duct Lagging, as manufactured by NSTI, 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.

Lag 10 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.



Benefits:

- ◆ **STC** - Up to 27.
- ◆ **Wide Temperature Ranges** - From -40° to 220°F. Optional high temperature facing up to 550°F is available.
- ◆ **Environment Safe** - Lead and asbestos free.
- ◆ **No Down Time** - Can be installed during normal equipment operation. No shut down required.
- ◆ **Durable** - Tear and puncture resistance. Offers oil and chemical resistance. Will not rot, shrink, or cause metal corrosion.
- ◆ **Fire Safe** - Meets Class 1 when properly installed. Low smoke and flame spread.
- ◆ **Easy Installation** - Using bands, matching lag tape or mechanical fasteners.
- ◆ **Cleanable** - Steam cleanable.
- ◆ **Moisture Resistant**

Applications:

- ◆ **Process Piping**
- ◆ **Duct Work**
- ◆ **Heat Exchangers**
- ◆ **Valves**
- ◆ **Mixing Boxes**
- ◆ **Material Transfer Lines**
- ◆ **Petro-Chemical and Wastewater Treatment Plants**
- ◆ **Gas Utility Pressure-Reducing Stations**



NSTI designs custom noise control solutions for your specific applications.

Noise Suppression Technologies, Inc.
Model LAG 10 (Acoustical Pipe/Duct Lagging)

Performance Data

Model LAG 10 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 labor and enhances noise reduction properties. Simply cut to length and secure in place using FSK tape, duct tape, bands or mechanical fasteners.

Product Properties:

Sound Transmission Loss

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

Service Temperature: -40° to 220°F

Flammability Per Fed. Test Std. No. 191-5903

Flame Out: 0 Seconds
 Afterglow: 0 Seconds
 Char Length: 0.2 Inch

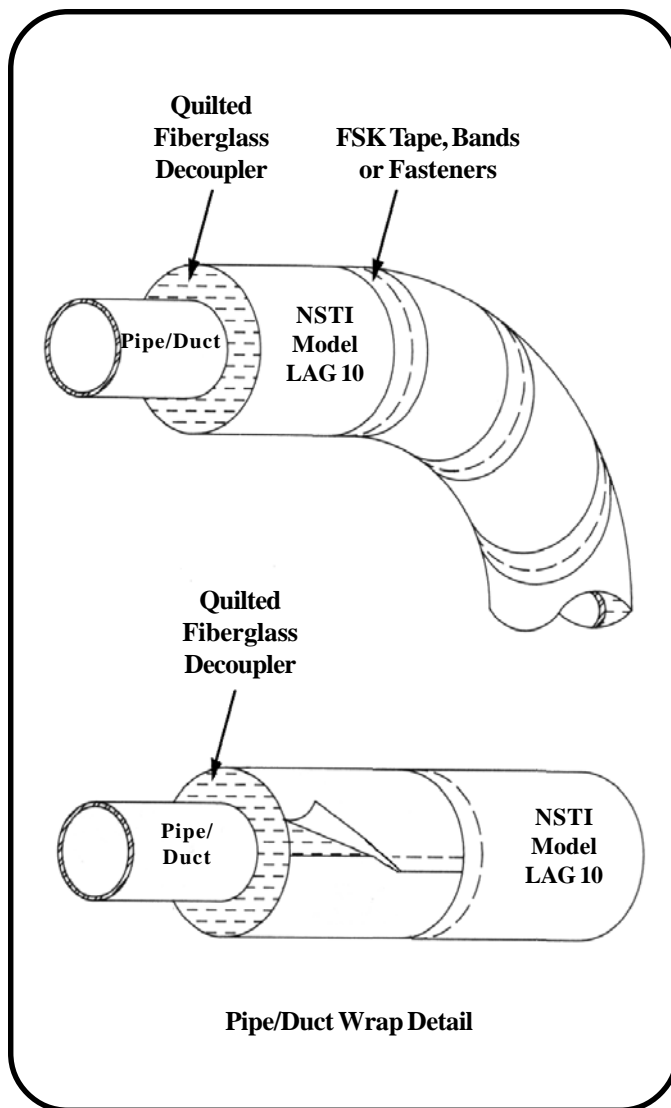
Corrosion Resistance: Excellent for most oils, grease, acids, and mild alkalis.

Material Thickness: 0.10" Barrier; 1.0" Composite

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

Surface Burning Characteristics per ASTM E84

Flame Spread Index: 10
 Smoke Developed Index: 40



Pipe/Duct Wrap Detail

NSTI believes the information contained herein to be accurate as of the publication date. Actual product performance may vary based on specific application conditions.

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LAG 10
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