Part 1-GENERAL

1.1 Summary

A. This section includes the following:

1. Acoustical pipe and duct lagging for noisy pipes and ducts

1.2 Related Sections

1.3 Quality Assurance

A. Manufacturer Qualification: Manufacturer shall have a minimum of 5 years experience in production of specified products.
B. Flammability
   a. UL 94: Meet VO
   b. FMVSS-302: Pass
C. Acoustical
   a. Pipe and duct lagging should have a STC value of at least 27

1.4 Submittals

A. Samples: Furnish 18" x 21" samples for quality and general panel construction.
B. Technical data sheets reflecting construction, material thickness, material weight, and Acoustical data.

1.5 Delivery, storage, and handling

A. Store in a dry place with adequate air circulation. Store materials where they will be free from accidental damage.

Part 2-PRODUCTS

2.1 Acoustical pipe and duct lagging, General

A. Acoustical pipe and duct lagging shall be a 1 lb psf vinyl noise barrier with a reinforced foil facing on one side
   1. Products
      i. Model # B-10 LAG
   2. Sound Transmission class: 27
   3. Standard Width: 54 inches
   4. Length: As indicated, up to 30 feet long

2.2 Accessories for securely mounting the Acoustical pipe and duct lagging

1. Foil lag tape
2. Stick pins
3. Welding pins
4. Banding

2.3 Acoustical Performance:

Sound Transmission Loss: Per ASTM E 90
Octave Band Center Frequency (Hz)

125	250	500	1000	2000	4000	STC
15	18	22	27	32	37	27

Part 3-EXECUTION

3.1 Installation

A. Install acoustical pipe and duct lagging in locations indicated. Comply with manufacturers written instructions for installation by using type of mounting accessories indicated or, if not indicated, as recommended by the manufacturer.

3.2 Cleaning

A. After completion of installation remove dust and other foreign material according to manufacturers written instructions.
B. Remove surplus material, rubbish, and debris resulting from acoustical pipe and duct lagging installation, on completion of work, and leave areas of installation in a neat and clean condition.