

# Pipe & Duct Lagging

## SECTION –Pipe & Duct Lagging

### PART 1 – GENERAL

#### 1.1 SUMMARY

- A. This section includes the following:
  - 1. Pipe & Duct Lagging.

#### 1.2 SUBMITTALS

- A. Submittals: Furnish 8 1/2" x 11" samples.
- B. Product Test Report: From a qualified testing agency indicating Pipe & Duct Lagging comply with requirements.
- C. Product Certificates: Signed by manufacturer certifying that the products furnished comply with requirements.

#### 1.3 QUALITY ASSURANCE

- A. Manufacturer Qualification: Manufacture shall have a minimum of 5 years experience in production of specified products and shall furnish supporting documentation showing completed jobs of approximately the same size and scope.
- B. Flammability Reports: Provide Pipe & Duct Lagging with the following characteristics as per ASTM E-84.
  - Flame Spread Index: less than 13
  - Smoke Density Index: less than 20
- C. Acoustical Test Report: Provide acoustical test report from a qualified testing agency indicating the Pipe & Duct Lagging meets a STC value of at least 30 per ASTM E-90.

#### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Protect Pipe & Duct Lagging from excessive moisture when shipping, storing, and handling. Deliver in unopened skids and store in a dry place with adequate air circulation. Do not deliver material until all wet-work has been completed.

PART 2 – PRODUCTS

1.1 Pipe & Duct Lagging, GENERAL

A. Pipe & Duct Lagging shall be nominally 2” thick – 1.4 lb. per square foot density.

1. Products

B-10 LAG/QFA-9  
Agawam, MA, USA  
Ph: (800) 569-1294

- 2. Foil faced loaded vinyl barrier fully bonded to a 2” quilted fiberglass decoupler
- 3. Thickness: nominal 2” thick
- 4. STC: 30
- 5. Standard Width: 48 inches
- 6. Length: As indicated, up to 30 feet long.

1.2 CONSTRUCTION

A. The Noise Barrier product shall be supplied in 48” wide rolls with lengths as indicated.

Sound Transmission loss: Per ASTM E-90 & E-413

Octave Band Center Frequency (Hz)

125	250	500	1000	2000	4000	STC
19	20	23	33	44	53	30

2.5 FLAMMIBILITY RATING

A. Class A per ASTM E-84

PART 3 – EXECUTION

3.1 INSTALLATION

A. Install Pipe & Duct Lagging in locations indicated. Comply with manufactures written instructions for installation of panels or rolled goods using type of mounting accessories indicated or, if not indicated, as recommended by manufacturer.

3.2 CLEANING

- A. After completion of installation of panels or rolled goods, remove dust and other foreign material according to manufactures written instructions.
- B. Remove surplus material, rubbish, and debris resulting from Sound Absorber/Noise Barrier Composite installation, on completion of the work, and leave areas of installation in a neat and clean condition.