

Manville

Air Handling Systems

Linacoustic®

Fiber Glass Duct Liner



Type: Flexible Duct Liner
Temperature Limit: 250°F

Description

Linacoustic is a flexible duct liner insulation made from strong, flame-attenuated glass fibers bonded with a thermosetting resin. The air stream surface is faced with a black coated mat.

Available Forms

Linacoustic is available in roll form, in four thicknesses (½", 1", 1½" and 2") to meet service requirements. Complete size data is shown on the reverse side.

Uses

Linacoustic is specifically designed as a liner for sheet metal ducts in air conditioning, heating and ventilating systems. It offers outstanding durability in exposure to air velocity and superior acoustical and thermal performance in systems operating at velocities up to 5,000 fpm and temperatures up to 250°F.

Advantages

Withstands High Velocity. Linacoustic has been tested at velocities as high as 12,500 fpm which is 2½ times the recommended maximum velocity of 5,000 fpm.

Resists Damage. The specially-designed, strong, smooth mat, integrally laminated to the insulation, insures extraordinary resistance to damage. It easily resists scuffing and abrasion from mechanical fasteners, and from shop tools and normal handling.

Low Air Flow Resistance. The smooth mat surface on Linacoustic offers minimum resistance to air flow.

Absorbs Disturbing Sound.

Linacoustic has excellent sound-absorbing properties. Duct-transmitted noise, such as cross talk and sound energy from air movement and mechanical equipment is noticeably reduced.

Fire Resistance. Meets the requirements of NFPA 90A and 90B Standards.

Easy to Fabricate. Linacoustic is light in weight and easy to handle. Clean, even edges can be accurately cut with regular shop tools. Resiliency and high tensile strength resist undue shop abuse. Presents a soft, nonabrasive feel to the hands.

High Insulating Value. The glass fibers in Linacoustic are made by the flame-attenuation method, producing a high strength insulation having exceptional acoustical and thermal properties.