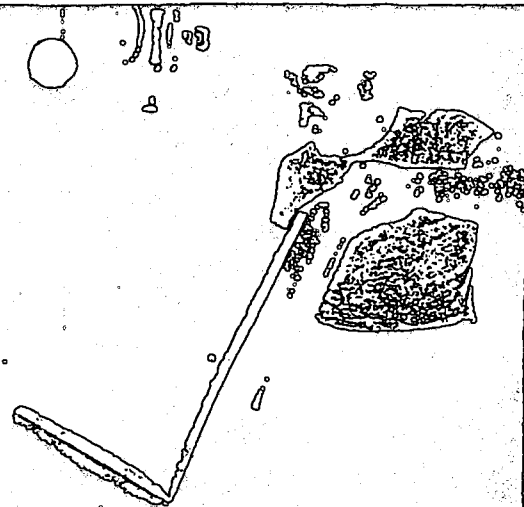


INSULATION

-400F

+3000F

type: Semi-Rigid Blanket
temp limit: 250F



J-M MICRO-BAR fiber glass duct liner

DESCRIPTION: Micro-Bar is a resilient, semi-rigid, blanket type insulation made of strong, very fine, inorganic glass fibers bonded by a thermosetting resin. Micro-Bar combines two separate densities. On one side is a thin, tough, heavy density material to check air erosion and shop handling. Underneath is a thicker, lighter density body for greater sound absorption and thermal insulation.

AVAILABLE FORMS:

Micro-Bar is coated with a special neoprene meeting NBFU-90A to prevent the possibility of fiber erosion.

USES: Recommended for air conditioning and heating ducts at velocities up to 5000 FPM (although it has been tested in the laboratory for velocities above 8000 FPM without noticeable change).

ADVANTAGES

**Durable—
Resists Damage**

Micro-Bar's "dual-density" with a NBFU-90A coating provides a tough surface to withstand the punishing force of high velocity air at 5000 fpm. It also resists accidental damage during fabrication.

**Protects
Leading Edges**

When formed over the edge of the insulation, Micro-Bar's tough surface prevents rushing air from getting into or under the insulation, thus resisting tearing or lifting. With Micro-Bar, it is not necessary to provide a "Z" strip or metal nosing.

**Reduces
Heat Transfer**

The enormous number of minute air pockets created by the very fine glass fibers make Micro-Bar highly resistant to the passage of heat.

Absorbs Sound

Micro-Bar traps and absorbs undesirable sound in the millions of dead air spaces formed by the random pattern of the extremely fine glass fibers. See opposite page for sound absorption coefficients.

**Low Fire
Hazard Rating**

Micro-Bar meets standard No. 90A of the National Board of Fire Underwriters as recommended by National Fire Protection Association.

Lightweight

Micro-Bar adds little to the over-all weight of the duct. Also saves in transportation, storage and fabrication.

**Extremely
Resilient**

Resists breakdown and sagging from vibration, corners and edges do not crumble.

**Easy to Handle
and Apply**

No special equipment, clothing or skills needed to apply. Easily applied to irregular surfaces.

ET-000071