

INSULATION

type: Flexible Blanket
temp limit: 350F

J-M MICROLITE® fiber glass flexible insulation

DESCRIPTION: Microlite is a low-density, resilient, blanket-type thermal and acoustical insulation made of long, extremely fine, flame blown glass fibers, bonded with a thermosetting phenolic resin.

AVAILABLE FORMS: Made in blanket form and packaged in rolls. See table on opposite page for densities and thicknesses.

USES: Microlite is most useful:

Where greatest thermal and acoustical efficiency in the smallest space is required.

Where lightness in weight is important.

Where tensile strength, resiliency, ease of cutting and fitting help to reduce application and fabricating costs.

Where resistance to vibration shakedown is important.

ADVANTAGES

Reduces Heat Transfer

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

Absorbs Sound

The air pockets also become "sound traps" to soak up air-borne noises, particularly in the 125 to 4000 cps range.

Resilient and Flexible

Easily compressed into tight spots; springs back to assure snug fit around angles and curved surfaces; resists breakdown and sagging from vibration and bumps; yields under impact without damage.

Conserves Space

Because of its excellent insulating efficiency, space required for insulation can often be reduced. Compression packaging saves shipping, storage and work space. Insulation quickly returns to original thickness when unrolled.

Strong

Long fibers give blankets high tensile strength; won't pull apart with normal handling.

Easy to Handle and Apply

Can be handled without discomfort. Readily cut with knife or scissors. No special tools or skills needed. Can be used with adhesives and mechanical fasteners.

Durable

Glass fibers are incombustible. Being non-cellular and non-hygroscopic, they resist effect of moisture. Fibers will not decompose or provide food for rodents, insects or bacteria. Microlite resists effects of oil, grease, most acids.