

ALFOL

INSULATION

Reflectal Corporation

A Subsidiary of Borg-Warner Corp.

310 So. Michigan Ave., Chicago 4



ALFOL MULTIPLE LAYER REFLECTIVE INSULATION

Introduced in 1929, ALFOL was one of the first reflective insulation blankets. Today, after nearly three decades of continuous development, ALFOL still is in the lead. Its patented blanket design insures high thermal efficiency, positive condensation protection and rapid, low cost application. Ideal for all types of residential, commercial and industrial use. ALFOL is also favored in air conditioned structures, where the superiority of reflective insulations provides substantial cooling economies.

What ALFOL is: Insulation consists of multiple aluminum foil sheets that automatically space themselves on application to form two, three or four reflective air spaces. The number of these spaces varies with ALFOL Type, but all types have a liner sheet of rugged, vapor-proof paper that provides continuous moisture protection and positive application support.

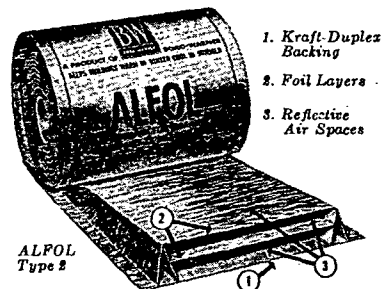
How ALFOL works: Radiant heat, as you know, normally accounts for 55 to 80 per cent of all heat loss through walls, roof or floor. Of all radiant heat, ALFOL foil sheets instantly, continuously reflect 95 per cent (or emit but 5 per cent). And the captive air spaces between these foil surfaces curb heat loss through convection and conduction to check all forms of thermal loss.

Practical advantages of ALFOL: Thermal efficiency is the big factor, but there are other reasons for ALFOL popularity. Its heavy liner provides sag- and rip-resisting application and a continuous vapor barrier. Its light weight ($\frac{1}{10}$ lb/sq ft) cuts rafter load. And ALFOL is as clean, odorless, durable as aluminum itself. Priced low... with compact design offering added savings in handling and application.

Other REFLECTAL insulation products

ALFOL ASBESTOS: for central gas and oil heating equipment, water heaters, ranges, radiant heating seal and for all high temperature insulating requirements.

ALFOL JACKETING: for refrigerator cars, trucks and other low temperature work.



ALFOL is quick and easy to apply: You simply cut to length and staple across the faces of studs, joists or rafters.

An ALFOL Type for every purpose:

Type 1—2 reflective air spaces. 12 in., 16 in., 24 in. widths.

Type 1A—2 reflective air spaces, for furred-out masonry. 16 in. widths only.

Type 2—3 reflective air spaces, our top seller! 12 in., 16 in., 20 in. widths.

Type 3—3 reflective air spaces with foil base layer. 12 in., 16 in., 24 in. widths.

Type 4—4 reflective air spaces for top efficiency. 16 in., 20 in., 24 in. widths.

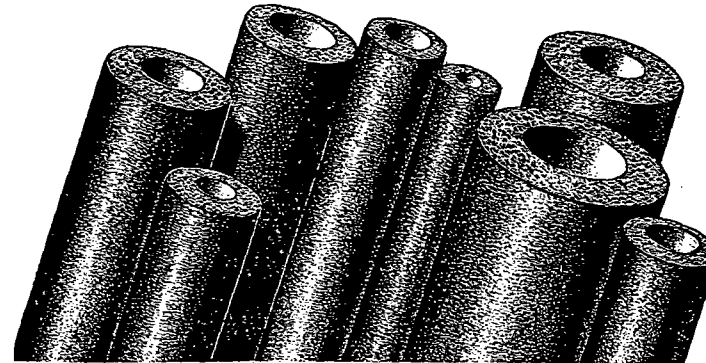
All ALFOL Types immediately available in handy 500 or 250 sq ft rolls.

Write Dept. ASH for free data book.

B. F. Goodrich

SPONGE PRODUCTS DIVISION

274 Derby Place, Shelton, Conn.



B. F. Goodrich SPONGEX® Molded Cell-Tite® TUBING for moisture-proof insulation

Spongex Molded Cell-Tite tubing is made of tough, flexible rubber with uniform non-connecting cell structure. Especially efficient and convenient for pipe insulation, it will not absorb moisture nor support combustion. Insulation value is excellent.

Easy application

Wherever used, Spongex Molded Cell-Tite may be easily secured with air-drying adhesive. Short lengths of tubing may be slipped on; longer ones may be slit lengthwise, snapped over pipe and adhesive applied to cut edges. These edges will not absorb moisture.

Low water absorption

Spongex Molded Cell-Tite meets ASTM specifications. Weight gain is under 10 per cent after 24 hours immersion in water; under 5 per cent after 3 minutes additional atmospheric pressure.

Efficient insulation

Thermal conductivity of Spongex Molded Cell-Tite is 0.28 at 75F with no deterioration in service.

Low shrinkage and aging

Spongex Molded Cell-Tite has no appreciable change after 7 days at 200F. Resistance to weather-aging is good. Linear shrinkage, when aged 4 weeks at 158F is under 10 per cent, most shrinkage occurring in the first week.

Wide range of density and firmness

Standard grades of Spongex Molded Cell-Tite are ASTM 12 or 13 (from 5-13 psi to compress a one square inch disc to 75 per cent of its height). Can be made in practically any firmness. Density varies, depending upon size and firmness, averaging 10 lb per cubic foot for soft, 15-20 lb per cu ft for medium, and 20-30 lb per cu ft for firm.

Many sizes

Spongex Molded Cell-Tite tubing is made with standard outside diameters of $\frac{3}{4}$ in., 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., and can be made $1\frac{3}{8}$ in., $1\frac{3}{4}$ in., and 2 in. Almost any inside diameter is available up to $\frac{1}{4}$ in. of the outside diameter. Lengths up to 50 ft facilitate ease and simplicity of installation.

Variety of colors

Black is standard and can be furnished as non-staining to lacquer, enamel or plastic. (Tested for 24 hrs under ultraviolet light or for 10 days at 158F). Any one color available for requirements of 7,500 ft or more. White, if specified, would be off-white.

Please write for more information