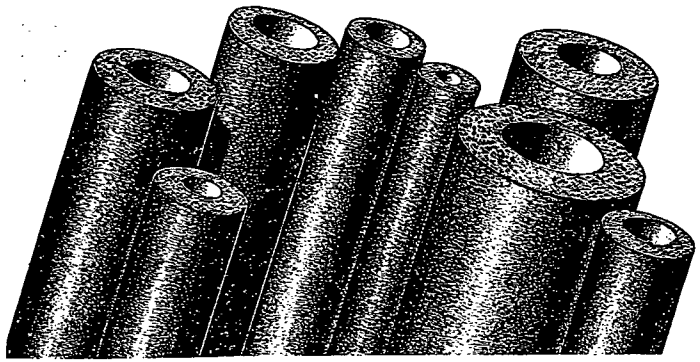
B.F.Goodrich

SPONGE PRODUCTS

A Division of The B. F. Goodrich Company

374 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 percent after 24 hours immersion in water; under 5 percent 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 percent, most shrinkage occurring in the first week.

Wide range of density and firmness

Standard grades of **Spongex Molded Cell-Tite** are *ASTM* 41 to 43 (from 5–13 psi to compress a one square inch disc to 75 percent 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 ¾ in., 1 in., 1¼ in., 1½ in., and can be made 1⅝ in., 1¾ in., and 2 in. Almost any inside diameter is available up to ¼ 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

LEMLAR MANUFACTURING COMPANY

JALOUSIES

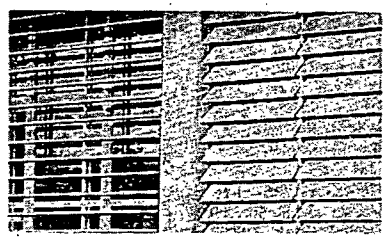
A DIVISION OF THE *LEMLAR CORPORATION*

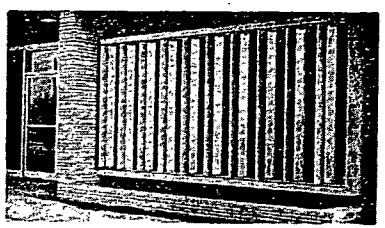
P. O. Box 352 Gardena • California

Ph. Los Angeles FAculty 1-1411

ADJUSTABLE SOLAR CONTROL JALOUSIES

Reduce Air Conditioning Peak Loads





Air conditioning peak loads are most easily controlled in most modern buildings by providing protection against solar heat "leaks" at windows and skylights.

Insulating materials are standard at walls and roofs. But "insulation" at the windows is often overlooked, despite the fact that unfavorably oriented glass transmits more heat per square foot than any other exterior surface!

Building orientation, screens and eyebrows have been used as external means of gaining some relief. Special glass, glass blocks and plastics have been tried. Venetian blinds, drapes and shades are commonly applied internally. But none of these provide a complete answer.

With Lemlar Solar Control Jalousies externally applied—

—Heat gains at South windows are reduced as much as 85 percent.

—Heat gains at East and West windows are reduced by as much as 81.6 percent.

On new structures with large glass-to-solid-wall ratios, the cost of Lemlar Solar Control Jalousies approximates the savings in "first costs" of air conditioning equipment. Further operating economies are also effected.

On modernization projects where "closed" air conditioning systems are not feasible, Lemlar Solar Control Jalousies make "package unit" air conditioning economically practical.

Improved exterior design; more evenly balanced, glare-free interior lighting; the elimination of need for blinds, drapes, etc.; savings of productive space and lowered maintenance costs are additional advantages.

Solar control must, to be effective, be flexible in order to compensate for ever-changing sun position and varying intensities of sun light. Lemlar Jalousies adjust manually, electrically with manual switch, or automatically with Solar-time controls, plus "weather watchers" that open the vanes on dull days for maximum light and close them against wind, rain and hail.

Lemlar Solar Control Jalousies are available in vertical or horizontal banks, and skylights; in many shapes suitable to various architectural treatment; and in sizes to suit almost any installation and architectural effect desired.

Write for complete product data and "case histories" of Lemlar Solar Control Jalousies and air conditioning. Sun Angle Charts, showing seasonal variations of sun positions for specific sites, are also available for solar problem study.