

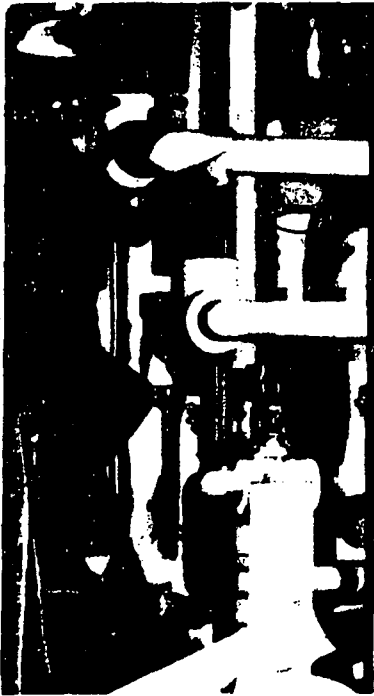


Figure 6 illustrates the installation of pre-molded PVC fitting covers, used with fiber glass inserts, cut to the specific size, shape, and thickness. (Photo: Courtesy of Johns-Manville).

ing Show in Chicago's McCormick Place this past May (see page 75) were several products designed as substitutes for those previously made of asbestos. Among such products were gaskets made of a new material, GP/duroid® 7102, manufactured by Rogers Corp. of Rogers, CN. The gasket material is described as "a homogeneous blend of chloroprene latex and reinforcing materials that Rogers is not disclosing while its patent application is being considered (see Figure 3)."

Also introduced at the Design Engineering Show was Intumastic 285®, an asbestos-free, water-based mastic used for fire-proofing grouped electrical cables and cable trays, for either interior or exterior use. It is manufactured by the Fire-proofing Products Division of Carbolite Company, St. Louis. Approved by Factory Mutual Research Corp. at a dry film thickness of 1/16-inch (one inch equals 2.54 centimeters), the mastic is semi-flexible, permitting the fire-protected cable to be bent and shaped after installation. The mate-

rial may be applied by spray, trowel, roller, or hand-gloving techniques (see Figures 4 and 5).

Johns-Manville, headquartered in Denver, has introduced a complete line of insulation and jacketing systems designed for hard-to-fit pipe fittings, tanks, and vessels. The complete system for fittings uses the J-M Hi-Lo® Temp Insert®, with a temperature range of sub-zero to 500 F (260 C), "with high energy conservation efficiency," in connection with J-M's Zeston® pre-molded covers. The system offers protection against temperature loss through the use of pre-molded polyvinyl chloride (PVC) covers in such shapes as elbows and tees of various sizes (see Figure 6).

The J-M Du-All® and PVC jacketing systems are designed to protect against severe weather or environmental conditions.

Zeston® pipe and tank insulation, combining a film facing with rigid fiber glass board, is a high-density flexible insulation and jacketing system for larger diameter pipes and cylindrical tanks and vessels. It is termed by J-M as being "particularly useful for in-

creasing the thickness of existing insulation without having to remove previous jacketing, or to match the outside diameter of existing coverings."

Zeston® heat transfer compounds are designed to promote the transfer of heat from its source to process equipment, as in a pipe tracing system.

J-M's new Thermo-12® pipe and block insulation is a molded calcium silicate industrial insulation for high temperature applications. It resists fire and water, while performing to 1,500 F (815 C). It is recommended by J-M for use in power generation and process industries, on indoor and outdoor piping and equipment.

U.S. Coatings Collaborative, Inc., Chelsea, MA, manufactures a protective coating designed to be sprayed or brushed over asbestos covered walls and ceilings, as well as asbestos-coated steel work (see Figure 7). The product, Asbestos Guard Fiber Fix (719), is a self-priming elastomeric protective coating designed to encapsulate loose asbestos fibers into a seamless, water-resistant membrane. □



Figure 7 shows the application of a spray-on coating of Asbestos Guard Fiber Fix (719), a fire-retardant synthetic rubber compound, over the penthouse ceiling of a high-rise apartment complex in Cambridge, MA. It covered a previously sprayed insulative-acoustical material that was extremely flammable and had a high asbestos content. Encapsulating the old material with this product made removal unnecessary. (Photo: Courtesy of U.S. Coatings Collaborative, Inc.)

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