

PLAINTIFF'S
EXHIBIT
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EXHIBIT

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7-18-98

product data sheet

UNI-CLAD® UNIBESTOS® with a Factory Applied .016 Aluminum Jacket

UNIBESTOS, the best high temperature insulation now available with a factory applied .016 inch aluminum jacket with an integral, polyethylene coated, kraft moisture barrier.

The jacketing employs a "Pittsburgh Lap" along the longitudinal joint to insure a good weatherproof seal. Each section is furnished with one butt joint sealer strap which contains a sealing mastic 1" wide x 1/4" thick. The sealer strap, once applied, is held firmly in place by a standard locking aluminum band .020 inch thick.

USES:

UNI-CLAD is recommended for applications up to 1500°F, for power plants, refineries, chemical and petrochemical plants as well as other industries where weatherability, ruggedness, durability, and appearance are important factors.

UNI-CLAD offers savings on initial installation costs along with the ability to be removed and reused over and over again which minimizes future operation costs.

AVAILABILITY:

UNI-CLAD is available in sizes from 1/2" to 24" IPS and up to 5" insulation thickness in 36" lengths.



UNI-CLAD/UNIBESTOS with a factory applied .016 aluminum jacket



OPTIONAL JACKETING:

Stainless Steel

Type 304, .010 gauge with polyethylene coated kraft moisture barrier—application and availability same as UNI-CLAD.

Galvanized

Vinyl coated electro galvanized steel, .010 gauge with polyethylene vapor barrier—specifications and availability same as UNI-CLAD.

Felt

Standard felt in 45 pound or 55 pound in either rag or asbestos—availability same as UNI-CLAD.

Canvas

Standard canvas jacketing in 4, 6, and 8 ounce weights—availability same as UNI-CLAD.

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PITTSBURGH **bc** CORNING

INSULATION MATERIAL:

Insulation shall be UNIBESTOS pipe insulation as manufactured by Pittsburgh Corning Corporation, and shall be finished with a factory applied .016" (minimum) aluminum jacket with integral moisture barrier. Thickness of insulation shall be as recommended in UNIBESTOS Specifications (UN-3 25M 7/65).

APPLICATION:

The insulation shall be applied, with joints tightly butted, to dry pipe which has been cleaned to remove all dirt, grease, oil, and rust. Sections of insulation shall be sprung to pass over the diameter of the pipe, then squeezed together while guiding the smooth edge of the jacket into the pre-shaped companion groove. On large size piping, a temporary center band may be used to hold each section in place until secured. On horizontal piping, the longitudinal joint shall be located on the lower half of the pipe and positioned so as to insure run-off of water.

Each butt joint shall be sealed using a 2" wide x

.016" pre-formed aluminum strap which contains a sealing mastic 1" wide x 1/4" thick. Each seal strap shall be held firmly in place by an aluminum band .020" thick x 1/2" wide.

Where double layer insulation is specified, the first layer shall be applied with joints tightly butted and held in place with wire or banding on 12" centers, and the outer layer applied in the same manner as single layer construction.

Insulation at fittings shall be applied as per standard UNIBESTOS procedure and shall be finished using either pre-formed fitting covers of the same material and thickness as adjacent piping or field fabricated covers of the same or suitable finish material. Pre-formed covers shall be sealed in the same manner as the straight piping.

Where pipe is supported or suspended by hangers, roller guides, etc., on the outside of the insulated surface, a pre-formed plate of sufficient size and thickness to carry and distribute the load shall be placed between the aluminum jacket and each hanger, roller guide, etc.

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