

R/M ASBESTOS CLOTH...TEXTURES REPRODUCED IN FULL SIZE

R/M LAGGING CLOTHS FOR THERMAL INSULATION

PLAINTIFF'S
EXHIBIT

T-317

United States Navy specifications require thermal insulation on pipe, flanges, turbines, etc. to be protected by an outer jacket of asbestos cloth. The asbestos cloth provides a flame retardant covering which will withstand vibration, shock and rough usage. Maritime Commission specifications frequently call for Navy standards on commercial vessels. Many industrial and public utility power plants follow similar practice.

Raybestos-Manhattan has developed a full line of asbestos cloths for these several applications ranging from .75 to 3.50 per sq. yd. and from Underwriter's Grade up to Grade AAA. The most commonly used fabrics are identified by Federal Specification SS-C-00466d dated 19 June 1962, and in the table on the following page. The specification also defines Navy usage of the several grades as follows:

Underwriter's Grade Cloth and Tape—This grade of cloth and tape is intended for use as the jacketing material over insulation where the temperature of the insulated surface is more than 125°F (52°C), except that they are not to be used on fittings and flanges, nor where they will be in contact with heated metal.

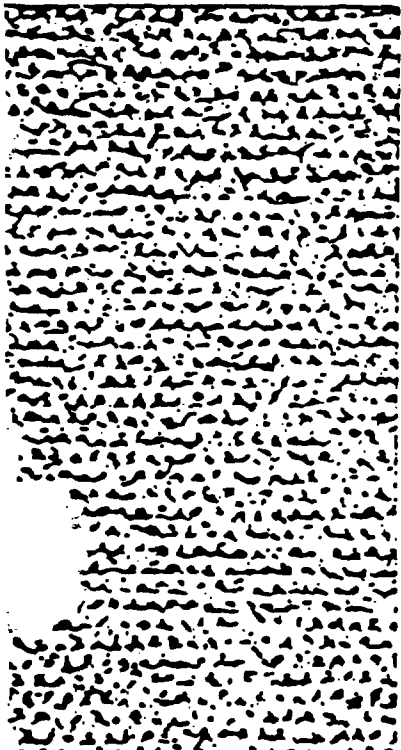
Grade AA cloth is intended for use as the outside surface on removable and replaceable covers for flanges and fittings where the temperature of the insulated surface does not exceed 500°F (260°C), or for the wrapping of exhaust pipes where the temperature of the metal in contact does not exceed 500°F (260°C).

Grade AAA cloth is intended for use as the outside surface on removable and replaceable covers for flanges and fittings where the temperature of the insulated surface is more than 500°F (260°C), or for the wrapping of exhaust pipes where the temperature of the metal in contact exceeds 500°F (260°C).

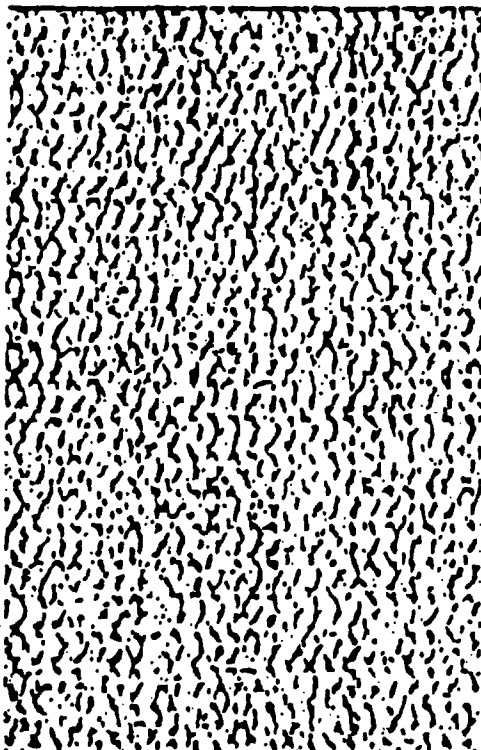
Grade AAA Wire Inserted Cloth is intended for use as the inside surface on removable and replaceable covers for flanges and fittings, or for the wrapping of engine exhaust pipes where the temperature of the metal in contact is over 500°F (260°C).

Raybestos-Manhattan welcomes the opportunity to develop new fabrics to meet unusual requirements for thermal insulation.

10P225



16P140



18P075

