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ASBESTOS SUBSTITUTES

for high temperature applications

Health problems associated with Asbestos are becoming known world-wide. Responsible plant managers are eliminating Asbestos and Asbestos products from their operations.

Finding substitutes for Asbestos that will do the job without exceptional added costs is often difficult.

We offer a complete range of products with absolutely no Asbestos content. General specifications are listed on the reverse side. Complete specifications and samples are available from a plant convenient to you.

Please advise the nature of your operations and the asbestos products you wish to replace. We will send samples and prices. Or, if you prefer, one of our engineers will call at your plant to discuss the applications.

We can do many things with these products.

1. Die cut gasket shapes.
2. Machine parts from dense boards.
3. Fabricate boxes, unusual shapes.
4. Sew with glass thread.
5. Make special curtains or blankets.
6. Produce tubes and pipes to your size specifications.

Dependable Serving Metal Casters Since 1956

Pyrotek
INCORPORATED

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1. LOW TEMPERATURE FIBERSEAL FELTS

Inexpensive felts useful to 1400°F (760°C) for short periods, to 900°F (480°C) for continuous use.

In rolls 1/4", 1/2", 1" thick. From 1½ to 6 lb/cu.ft. density.

Used to gasket molten aluminum, magnesium, zinc and other low temperature applications. Not normally used when long life is required.

2. HIGH TEMPERATURE FIBERSEAL FELTS

For continuous use to 2300°F (1260°C), for short periods to 3000°F (1650°C).

In rolls 1/4", 1/2", 3/4", 1", 1½", and 2" thick.

From 3 lb. to 8 lb./cu. ft. density.

Used in all molten metal applications to gasket launders, troughs, stopper rods, and other items in contact with the molten metal.

Insulating blankets and wraps for casting molds, pipes, sound absorption, heat shields, etc.

3. FIBERSEAL FABRICS

For continuous use to 900°F (480°C), short period use to 1400°F (760°C). Some to 2300°F (1260°C).

In rolls 50" and 60" wide.

Used as high temperature curtains for air control, drapes for protection from welding sparks, shrouds to cover ductwork joints. Anywhere a completely flexible material is needed in high temperature conditions.

We sew these fabrics to custom shapes or fit with grommets to hang as a curtain.

It is also used to cover felt insulation to make wear-resistant insulating pads for various uses.

4. FIBERSEAL PAPERS

For continuous use to 2300°F (1260°C), for short periods to 3000°F (1650°C).

In rolls up to 48" wide. Thicknesses of .040", .080", and .10".

Used for high temperature gaskets, hot top linings, ingot mold linings, and other applications around molten metals.

5. FIBERSEAL HIGH-TEMP COMPRESSIBLE BOARDS

For continuous use to 2300°F (1260°C), for short periods to 3000°F (1650°C).

In sheets 1/4", 3/8", 1/2", 3/4", 1", 1½" thick.

Sheet sizes vary to maximum of 4' x 8'.

Densities are 8 and 14 lbs/cu. ft.

Used in high temperature gasketing applications requiring more body and rigidity of the gasket. Good for holding vacuums or pressures.

Also use as insulating covers and plates.

6. FIBERSEAL MEDIUM TEMPERATURE COMPRESSIBLE BOARDS

For continuous use to 1800°F (990°C).

In sheets 1/8", 1/4", 3/8", 1/2" thick. Also 1" to 4" in 1/2" increments.

Sheets to 1/2" thick in sizes 36" x 40" and 40" x 48". Thicker sheets in 24" x 36" size.

These are less expensive than the high temperature boards. Typically they are not as strong.

Uses are basically the same as the high temperature boards.

7. PYROTHERM DENSE BOARD

For continuous use to 1300°F (700°C), for short periods to 2000°F (1100°C).

Density 36 lbs./cu.ft. In sheets 4' x 8'.

Thicknesses 1/2", 3/4", 1", 1½", 2".

This is a hard, physically tough board. It is highly insulating. It is easily cut, machined, screwed, etc. about like wood.

Its uses are as varied as your imagination.

In foundries it is used for blow plates in core making machines and for bottom boards in sand casting.

8. FIBERSEAL HIGH TEMPERATURE ROPES

For continuous use to 2300°F (1260°C), for short periods to 3000°F (1650°C).

Density - About 10 lbs./cu. ft.

Diameter - We can produce nearly any diameter.

Available with wire mesh coverings to result in abrasion resistance. Prices on wire meshes vary widely and must be designed for the particular temperature conditions.

Used anywhere heat sealing is required - around furnace doors, cover plates, oven lids, etc.

Used for vacuum seals on crucibles, calking joints, on pressure vessels, pouring ladles, etc.

The prices on our high temperature ropes are usually much lower than others available. Please ask for a quote and samples.

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