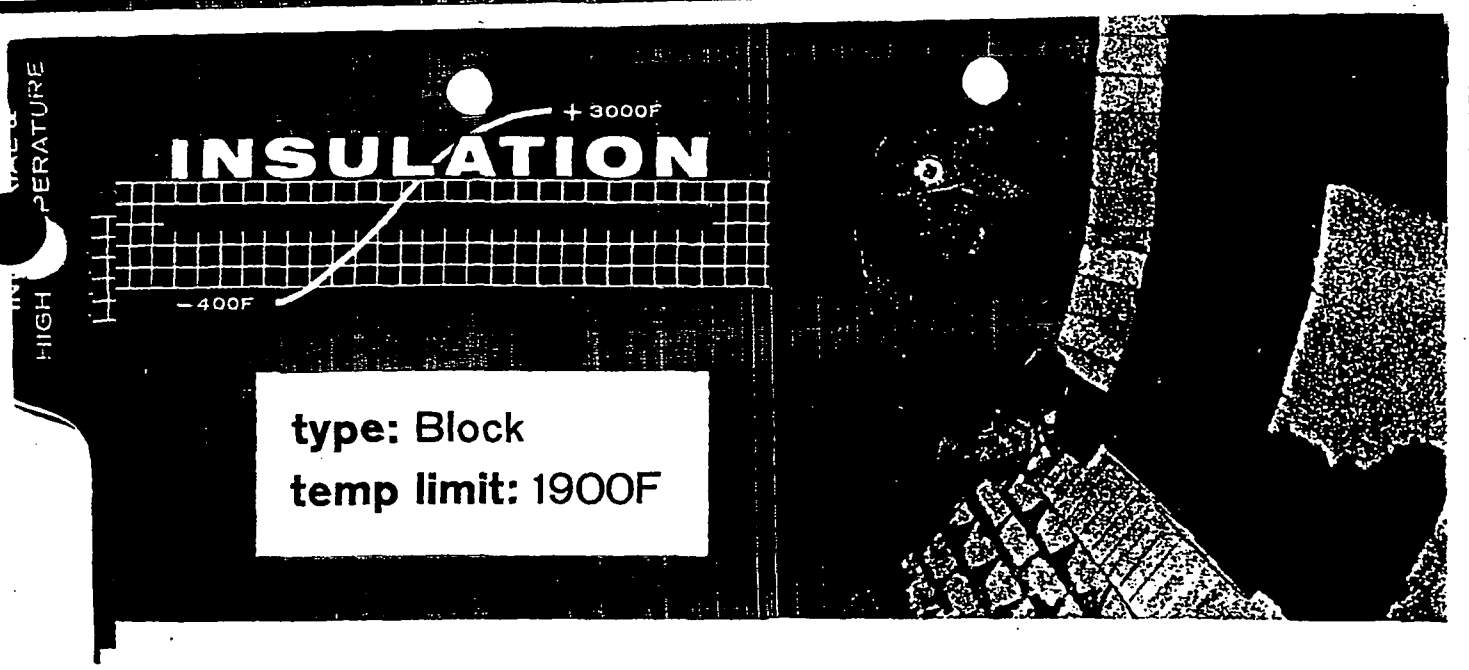

J-M SUPEREX® block insulation

■ **DESCRIPTION:** J-M Superex block insulation is composed of calcined diatomaceous silica blended with other insulating materials and bonded with asbestos fiber. These light weight, large size blocks will withstand temperatures up to 1900F with negligible shrinkage. Their unique combination of low conductivity and high stability at elevated temperatures provide excellent efficiency and long, maintenance-free service.

Ever since its introduction, Superex has demonstrated its versatility as a high temperature insulation. Today, for example, it economically insulates 90% of this country's hot blast stoves.

■ **AVAILABLE FORMS:** Furnished in flat or curved blocks in the following sizes: Flat or curved, 3″ or 6″ wide by 18″ or 36″ long. Flat only, 9″ or 12″ wide by 18″ or 36″ long. Thicknesses range from 1″ to 4″.

■ **USES:** Superex blocks are widely used for equipment operating at temperatures to 1900F including boiler furnaces, hot blast stoves, mains and bustle pipes, hot gas flues, soaking pits, petroleum cracking furnaces, producer gas mains, and metallurgical furnaces of various types.

■ **ADVANTAGES**

High Compressive Strength

Compresses only ⅛″ (2″ thickness) under a pressure of 85 lbs per square inch.

Low Conductivity at High Temperatures

Superex has a conductivity of .82 at 1000F mean temperature.

Low Heat Shrinkage

Has a linear shrinkage of only 2.7% at 1900F.

Dimensional Uniformity

Straight, true edges and close tolerances make possible snug joints.

Light Weight

Ideal for insulating movable high temperature equipment.

Large Size Blocks

Large 12″ x 36″ blocks speed application and reduce the number of joints.