



CERAMIC FIBRE PRODUCTS

*A Ceramic Fibre Products with
E-Glass or Wire Reinforcement*

Ceramic Yarns are manufactured from refractory oxides having composition of Alumina, Silica and some special additives. Depending on the use, basic Yarn is reinforced with "E" Glass filament, SS Wire or Inconel wire. These Yarn are then finally braided to make rope or woven to make cloth, tape and sleeves.

Ceramic products are used at a high temperature upto 1260 deg. centigrade for thermal insulation, electric insulation and sealing corrosive/non-corrosive gases, super heated and saturated steam and many other applications. Ceramic products are also used for lagging pipes and cables.

Ceramic Fibre Rope, Lagging, Twisted Type Rope, Cloth, Tape, Sleeving are High Temperature Non-Asbestos Thermal Insulation products having wide range of Industrial Applications including Sealing for Coke Oven Doors, Blast Furnaces Relining, Cable Insulation, Klin Packing etc.

Advantages of Ceramic Fibre Products :-

- Non-health hazardous and Non-Toxic.
- Environment Friendly.
- Longer Life due to no loss of strength at optimum working temperature.
- Extremely high thermal insulation.
- Electrically Non-conductive and Non-combustible.
- Widest possible application in high temperature zone.
- Reduction in down time.
- Low maintenance cost.



Ceramic Fibre Products are suitable for:-

- ◆ Door Seal for Coke Oven, Blast Furnaces, Boilers, Refractories, Gas Ducts, etc.
- ◆ Thermal insulation of Electric Cables, Steam Pipes, etc.
(Replacement for Asbestos.)
- ◆ Seals for Continuous Casting.
- ◆ Seals for Alluminium Pouring Ladles, Expansion Joints, etc.
- ◆ Packing for Rotary Kiln.
- ◆ Radiant tube packing for Heat-treat Furnaces.
- ◆ Fire proof wrap and insulations.

Application of Ceramic products in Iron & Steel Plants /

Alluminium Plants:-

- ◆ FURNACE DOOR SEALING
- ◆ HOT BLAST VALVE PACKING
- ◆ COKE OVEN DOOR SEALING
- ◆ EXPANSION JOINT PACKING FOR FURNACE
- ◆ CON. CAST DUMMY BAR SEALING
- ◆ HIGH TEMPERATURE INSULATION IN POT ROOM
- ◆ SEALING OF POURING LADLES & HOT TOP SEALS
- ◆ INSULATIONS IN CARBON PLANT/ CAST HOUSE
- ◆ FIRE /FLAME PROTECTION BLANKET
- ◆ AS HIGH TEMPERATURE BELLOWS EXPANSION JOINT
- ◆ HOSE AND CABLE PROTECTION FROM HEAT & METAL SPLASH