

High Alumina Ceramic Ferrules for Boilers

Our principal has decades of experience in manufacturing towerpackings in alternate materials and High Alumina Ceramic Ferrules for boilers.

Over the years we have developed one of the finest manufacturing facility with a production capacity of 150-300 Ferrules/ week.

Our Range of Services Include:

- Selection of material of Construction
- Design of suitable Ferrule.
- Manufacturing of ferrules as per the customer's drawing.



Technical Specifications:

The Specifications of Ceramic Ferrules vary with every boiler. The diameter, length and design vary with every boiler.

The Specifications given below are common but not limited to.

Tolerances	Diameters	+0/-0.5 to 1mm		
	Lengths	+/-1mm		
Chemical Properties	Al2O3	>90%	Fe2O3	<0.5%
	SiO2	<5%		
Physical Properties:	Colour	White- Off White	Service Temperature	Maximum 1450 Deg Celsius to 1650 Deg Celsius.
	Porosity	5-18%	Bulk Density	>2.6g/CC

Highly corrosive environment and higher Initial costs limits the usage of ferrules made of SS or Inconel materials. Alumina Ceramic Ferrules being inert in nature offers

- Resistance to highly acidic atmosphere
- High thermal resistance
- Prevents chemical and electrochemical corrosion.

Quality:

- All our raw materials are procured from vendors handpicked based on our 55+ years of experience in the industry.
- Our manufacturing processes follow a QAP designed specifically as per each customer's requirement.
- Hi-Alumina Ferrules undergo a series of testing at our In-House testing facility for quality at every stage of manufacturing based on our QAP.

All our materials are packed with utmost care. All our packing methods are tested under vigorous and unusual conditions to ensure nil damage during transit. The ferrules are individually packed in air bubble sheets and inserted in slotted EPE foam sheets which are placed in cardboard cartons of suitable size. The voids in the cartons are filled with cushioning powder or EPE foam. The cardboard cartons are then placed in PP lined Wooden crates or boxes of suitable sizes.

