Alumina Ceramic Tube, Bend and Elbow

The alumina ceramic tube, bend and elbow have exceptional hardness and strength, resistance to wear and chemical attack, it is especially used as the lining of the pipeline and can protect the steel pipe for excessive wear and extend the use life. This kind of ceramic pipe is easy for installation and diameter can be varied from 10mm to 500mm. Shape can be straight tube, bend tube, Y-Piece.

With the properties of smooth surface, no gap and good abrasion and impact resistant ability, the ceramic tube and bend are widely used in the pipeline of conveying ore fines, cement, coal and other big hard material in cement, steel, chemical, mining milling, smelting, port, thermal power plant. Its easy installation could reduce the cost much and meanwhile prolong the use life of the pipeline.

Chemshun Ceramics Advantages

- Tailor Made Engineered Ceramics Available
- Accept OEM & ODM Wear Engineered Ceramics & Project
- Provide Professional Industrial Wear Consult and Solution
- Accept Small & Big Quantity Orders
- Delivery Fast

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Wear Solutions for Pipe Lining Engineering

Solution-1 Lined with alumina ceramic mosaic tile mat
-Ceramic mosaic tiles: 10x10mm, 15x15mm, 17.5x17.5mm, 20x20mm with thickness 2-6mm
-Tile mats: 150x150mm, 300x300mm, 500x500mm, etc.
-Feature: Easy to fix on the inner surface and the mat is easy to roll-over due to the small mosaic tile and then save the installation time & cost.

Solution-2 Lined with alumina ceramic tubes or bends
-Ceramic tubes & bends: dia100-300, length 100-500
-Feature: easy to fix and few gaps.

Solution-3 Lined with ceramic trapezoid/pipe tiles
-Ceramic trapezoid/pipe tiles: 150x33/28x13mm, 150x43/47x25mm, 50x47/53x25mm, 150x43/47x50mm, 100x35/32x13mm, etc
-Feature: low cost

Solution-4 Lined with inter-lock tiles
-Ceramic lining: as per client's requirements.
-Feature: the tiles could be connected tightly by its groove and lock.

Solution-5 Lined with curved locking tiles
-Ceramic lining: As per clients’ requirements.
-Feature: The tiles could be connected tightly by it’s groove and lock. and the roundness is better than other tiles.

Chemshun is able to provide the alumina ceramic products and the ceramic lined equipments