

# Ceramic Pipe

## Description:

LUCO ceramic pipe has a characteristic in its new shape of a ceramic tip for which we have applied for a patent. A conventional ceramic tip was arranged with a certain gap between tips in a steel pipe so that the pipe was damaged at the gap before the tip was worn out. The newly developed ceramic tip has a shape with no straight line portion parallel to the transport direction so that the steel pipe is protected until the tip is worn out.



## Applications:

Ceramic pipes are widely used in the tailings transport in the pipeline hydraulic transport, which are as well-known as the wear, abrasion, fatigue, impact.

The direction of alignment of ceramics in zig zag, have excellent resistance to friction of abrasive agents such as sand, gravel, tailings with solid particles, scale, coal, pulp, tailings from phosphate, salt slag, sludge, ash.



## Ceramic Pipe

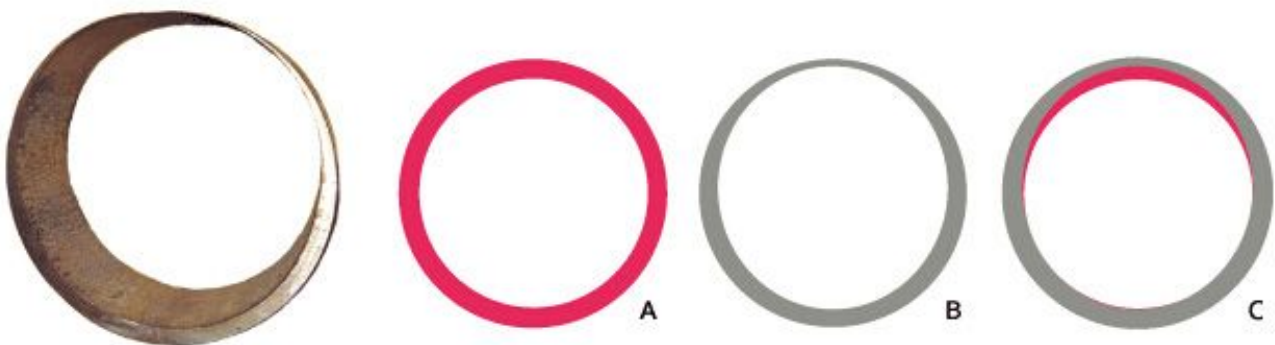
### Why choose LUCO ceramic hose:

Generally speaking, the use of a tube is 6mm in length, the pipe wall thickness was 20mm, and after 8 months of using, the bottom is corroded till the pipe has 1mm of thickness. But the LUCO lined ceramic pipe has the advantage of the 3mm to 4mm of thickness after 12 months of use, ten times more than life to the pipe. To guaranteed protection against abrasion.

LUCO ceramic pipe lining of hydraulic and pneumatic conveying transport has efficiency and economy, especially in steel tubes. Where they have great advantages, increasing the time of life.

The zig zag ceramic alumina pressure has superior performance against abrasion, which has five times more resistant than the conventional ceramic. If the objective is protection of components and reduced maintenance costs, the correct application of anti-abrasive lining led immediately to track the economy. If the objective is protection of components and reduced maintenance costs, the correct application of anti-abrasive lining led immediately to track the economy.

### A cross section of a steel pipe after one year of use

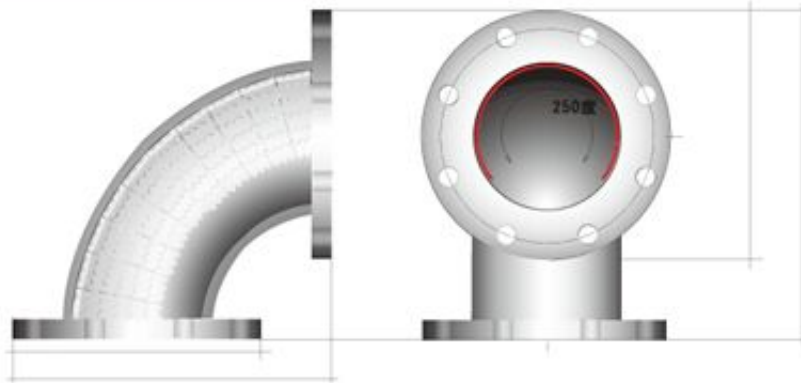


### Resistance to abrasion is superior to all material available on the market.

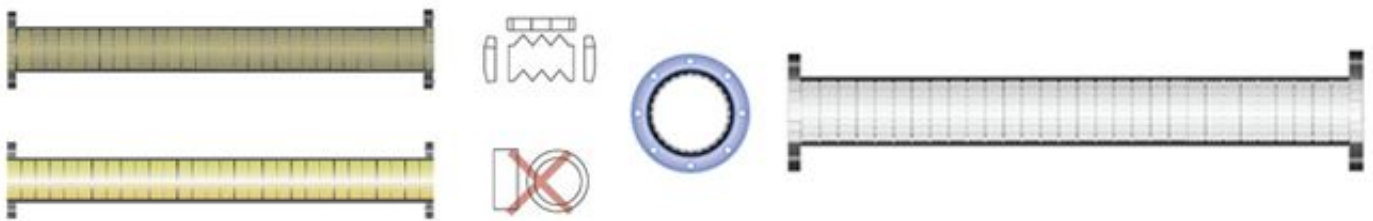


## Ceramic Pipe

A liner installed in straight, elbow, branch and Y pipes.



A zigzag shaped ceramic tip



A liner installed in elbow, branch and Y pipes

