

chromium carbide bimetallic overlay wear pipes and fittings

Hard-Plate® wear pipes' processing adopts two methods, one is forming by rolling chromium carbide overlay wear plate, the other is made by directly welding on inner or outer surfacing of seamless steel pipe.

Abrasion resistant chromium carbide overlay pipes and elbows are designed for use in applications where severe abrasion in combination with moderate impact and heat occurs in the inner diameter of pipes or elbows.

TECHNICAL PARAMETER:

- Minimum ID: 80 mm
- Overlay Material: Chromium Carbide
- Connection: Flange, Butt Weld
- Inner layer thickness: Over 2mm
- Inner hardness: HRC57-63
- Working temperature:-60 °C ~ 800 °C
- REPAIRABLE: repairable by welding
- CUSTOMIZABLE: Yes
- DRAWING DESIGN: available

APPLICATIONS:

- Metallurgical and power industry: transport coal powder, Ash, slurry, gypsum slurry and other metal pipes.
- Mining: The pipe used to transport ore fines, the service life of this pipe can be increased about five times, comparing to previous pipes.
- Coal: Coal Preparation and long-distance pipeline transportation are generally wet transportation, which requires both wear-resistant and corrosion-resistant pipeline, which can be used as a long-life pipeline, with considerable economic benefits.