



Ultra Weld Overlay

Chromium Carbide Overlay Pipe and Bends
Designed For Long Life In High Abrasion Piping Systems

Features

- Chromium carbide wear material maximizes abrasion resistance
- Chromium carbide metallurgically fused to a carbon steel substrate
- Suitable for continuous moderate impact
- Remains abrasion resistant at temperatures up to 900° F
- Straight pipe from 8" I.D. and above, bends from 8" I.D. and above, minimum CLR = 30"
- Can be field sized by plasma cutting, air arc or abrasive saw
- Bends can be overlaid with both lead and lag tangents
- Multiple end options available, including flanges, couplings or plain ends
- Straight pipe lengths up to 25' in single operation

Benefits

- Long life in highly abrasive applications
- 52-56 HRc for single pass, 1/8" to 3/16" thick
- 58-62 HRc for double pass, 1/4" to 5/16" thick
- Improved performance compared to alternate linings - steel, basalt, or castings
- Excellent service life at cost-effective pricing

Applications

Ultra Weld Overlay applications include pneumatic and hydraulic piping systems for extremely abrasive materials such as bottom ash, fly ash, pulverized coal transport, sand, gravel and ore matrix slurries.

Ultra Weld Overlay is ideal for improving systems performance and life for upgrades, renovations, or component replacement.

