

Twin-Wall™ Piping Systems

Double-Walled Construction. Hardened Inner Liner For Abrasion Resistance And High Tensile Strength Outer Tube

Description

Twin-Wall™ utilizes two steel tubes. A high carbon steel tube is inserted into a mild steel tube. Then together they are mechanically sized to ensure outer and inner tube tightness, and induction heat-treated to create a through-hardened, wear-resistant liner.



Features

- An inner liner hardened to at least 600 Brinell throughout the inner pipe wall
- A low-carbon outer shell to absorb impact and contain pressure
- Abrasion resistant at temperatures up to 450° F
- Multiple end options available, including flanges, couplings, ends, weld rings or plain ends
- No heat affected zone

Benefits

- Long Life in highly abrasive applications
- Easy installation with weight similar to mild steel pipe of equivalent thickness
- Excellent service life at cost-effective pricing
- Superior quality compared to gas flame hardening

Applications

Twin-Wall applications include pneumatic and hydraulic piping systems for extremely abrasive materials such as concrete, paste fill, sand, gravel and mine tailings.

Twin-Wall provides a hard wear surface and is available in various liner thicknesses. Monitoring is limited to physical measurement.