SLURRY & TAILINGS PIPING

HCWI LINED PIPE SPOOLS

High-chromium white iron lined spools for hydrotransport, tailings and slurry service. Engineered, fabricated and hydrotested in Calgary to ASME B31.3 and B31.4.

ENGINEERED FOR SLURRY EROSION

Mining and mineral slurries erode unlined carbon-steel pipe quickly, especially at elbows, wyes and reducers where flow turns and turbulence concentrate. HCWI liners put a carbide-rich wear surface exactly where the line loses the most metal.

Liner castings are produced to our chemistry and heat-treatment specifications by qualified foundry partners, verified by PMI and spectrographic analysis on receipt, then fitted into shells fabricated and inspected at our Calgary spool shop.

KEY FEATURES

- New spools built to your isometrics
- Relines: worn liners removed, shells inspected, repaired and relined
- Straights, elbows, wyes and reducers
- Custom flanges with CRN



SPECIFICATIONS

LINER MATERIAL	ASTM A532 Class III Type A
CHROMIUM CONTENT	24–29% Cr
MICROSTRUCTURE	M_7C_3 carbides in a martensitic matrix
SHELL	Fabricated carbon-steel pipe
FABRICATION CODE	ASME B31.3 / B31.4
WELDING	CSA W47.1 certified
QUALITY	ISO 9001; PMI, spectro, full traceability

VERIFIED IN CALGARY

PMI · Spectrographic analysis · Hardness testing · UT / MT / PT · Dimensional / CMM · Full traceability

CERTIFICATIONS

ISO 9001 · CSA W47.1 · COR · APEGA Permit

REQUEST A QUOTE

Send a drawing, part number or worn sample, and we will quote price and lead time.

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Typical data. Specifications are confirmed at quotation for each application.