OVERLAY WEAR PIPE

Overlay Wear Pipes are manufactured using seamless or welded steel pipes as the base material, with multiple layers of wear resistant alloy deposited on the inner or outer walls. The product offers the following features:

1. Flexible and adjustable specifications and dimensions – easy to replace and maintain.

2. Supports customization of special pipe fittings: (**Standard pipe fittings:** elbows, tees, reducing pipes, etc. **Non-standard pipe fittings:** Y-type tees, U bends, crosses, etc. **Special structures:** concentric reducers, eccentric reducers, etc.)

3. Tailored alloy compositions, base pipe thicknesses, and overlay layer thicknesses are available based on operating condition requirements (length up to 12 meters, minimum diameter of 80mm).

End Connection Options

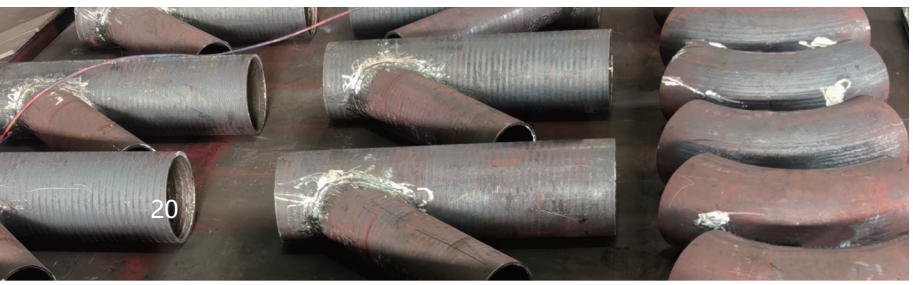
There are multiple options for pipe end connections:

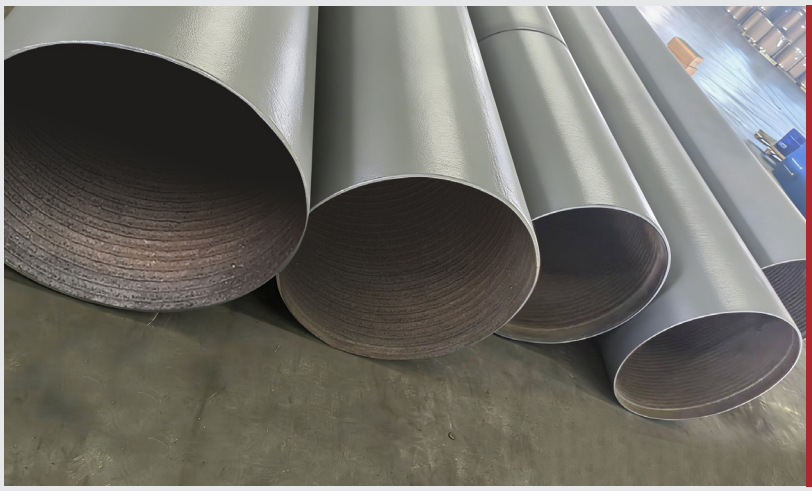
- *Standard flange connections*
- *High pressure flange connections*
- *Threaded or coupling connections, etc.*

APPLICATION

Overlay wear pipes have been widely used in industries such as mine backfilling, dredging, steel, cement, concrete, metallurgy, power plants, steel mills, coal washing plants, paper making, and chemicals.

They are the preferred choice for material conveying, including: aggregates, ash, coal, sand, cement, stones, gravel, limestone, quartz sand, magnetite, mill scale, tailings, ores, raw kiln feed, slurry, mud, and slag.





CASE 1

Length: 5900mm

Outer Diameter: 674mm

Base pipe thickness: 9mm

Overlay Thickness: 5mm

CASE 2

Length: 2850mm

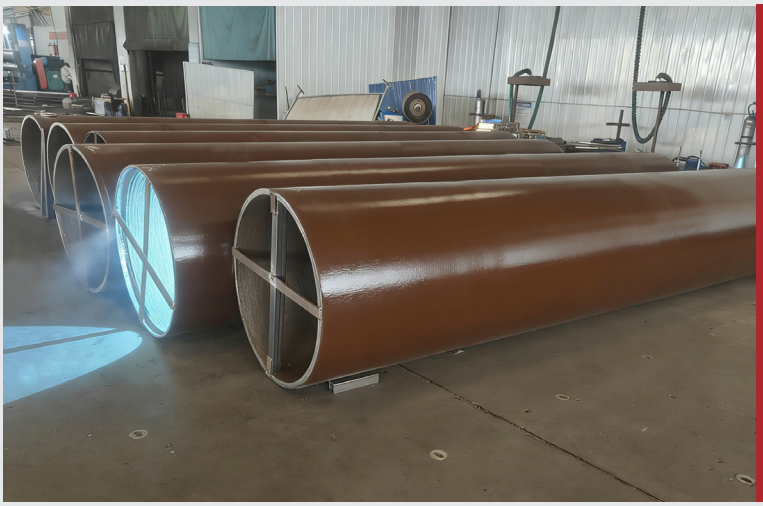
Outer Diameter: 1100mm

Base pipe thickness: 12mm

Overlay Thickness: 13mm

Cr: > 23

Bulk Hardness: HRC58-65



CASE 3

Length: 6040mm

Outer Diameter: 1050mm

Base pipe thickness: 16mm

Overlay Thickness: 12mm

Cr: ≥ 25

Volume fraction: ≥ 35%