

# WC600P™

Induction-Hardened Wear Pipe



## Features & Benefits

Lasting 6 to 8 times longer than mild steel, Wear-Con **WC600P™** Induction-Hardened Wear Pipe provides outstanding resistance against moderate to severe abrasive and erosive wear. **WC600P™** can be induction-hardened on either the inside or the outside, making it great for use in wide variety of material handling applications. **WC600P™** is easy to install, fabricate, or repair in the field, and can be ultrasonically monitored to allow for well-timed rotations or replacement.

## Installation

Wear-Con **WC600P™** pipe can be easily installed by flanging, coupling, or welding.

## Technical Specifications

Wear-Con **WC600P™** has a gradient hardness. The inner wall hardness is 600 BHN and the outer wall hardness is 250 to 300 BHN (reverse for outer wall induction hardening), along with an unhardened yield strength of 700 ksi (unhardened), and a 100 ksi (unhardened) tensile strength. **WC600P™** can be used in applications up to 450°F.

## Sizes

Wear-Con **WC600P™** is available in standard and extra-heavy thicknesses, nominal pipe diameters from 2 1/2" to 20", and lengths from 5' to 50'.

(See reverse for **WC600P™** Wear Pipe applications.)

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# WC600P™

Induction-Hardened Wear Pipe



WC600P™ Cullet Chute



WC600P™ Flanged Elbows



WC600P™ Flanged Elbow

(See reverse for WC600P™ Wear Pipe information.)



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## Fabrications:

- Spooled to Length
- Bends
- Attachment of:
  - Flanges
  - Weld Rings
  - Couplings
- Tees
- Wyes
- Laterals

## Applications:

- Pipes and Elbows for:
  - Raw Material Slurry
  - Cullet Chutes
  - Waste Fuels
  - Ash Handling
  - Clinker Handling
  - Raw Grain
  - Raw Silica
- Trim Fan Housings
- Supports
- Roller Conveyors
- And Many More!

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