

The Plymouth Advantage®

Feedwater Heater Tubing



**Plymouth XtraLowStress:
The choice of utility engineers
and fabricators for new and
retube applications**

Since 1967, Plymouth has been the world premier supplier of welded austenitic stainless steel feedwater heater tubes. With over 325 million feet supplied, Plymouth's stainless steel feedwater heater tubes are used in more than 70% of all U.S. feedwater heater applications.

Our tubing has the lowest residual stress and is less susceptible to stress corrosion cracking.

- Less than 5 ksi (34.5 MPa) residual stress in the straight portion of tube
- Less than 8 ksi (55.2 MPa) in U-bend portion of tube

Plymouth has specific process capabilities for manufacturing feedwater heater tubes.

- Tube weld is thoroughly cold worked or cold drawn
- Up to .134" (3.40mm) average wall available for super-critical applications
- Tubes are manufactured in a non-contaminating environment
- Customer can specify wall or cross sectional area reduction

- Stress level measurements available in U-bend
- Tubes are furnace bright annealed and stretch straightened for lowest residual stress
- NDT Eddy Current A688 S1 or S2 test standard (S2 is tighter than industry standard)
- Each individual U-bend tube dimensionally checked after bending and stress relieving
- Tubes securely packed in strong, reliable custom designed boxing. Closed container shipments available for export.

Ensure you have the highest quality feedwater heater tubes...

- Specify stretch straightening to ensure residual stress levels do not exceed 5 ksi (34.5 MPa) in the straight portion of U-tube
- Specify average residual stress not to exceed 8 ksi (55.2 MPa) in the U-bend portion of tube
- OR simply specify PLYMOUTH TUBE



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