

Meeting all your Tubing Needs

Boiler Tubes



24/7
emergency response
1-888-574-0055

Valmet is a global solutions company you can rely on for the supply of all your boiler tubing requirements. Valmet offers a wide range of stock materials and can also assist you in sourcing nonstandard tubes and special mill orders for larger quantities.

Our inventory is strategically located in the Lancaster, SC Service Center where we can also provide a full range of services unparalleled in the industry. Valmet has partnerships with the major domestic tube producing mills as well as international alliances in Europe and Scandinavia.

Tube sizes

Valmet boasts the largest stock of Composite tubing in North America along with a full complement of Carbon and Alloy tubes 1.25" OD to 3.25" OD with a range of wall sizes from 0.120 MW- 0.500 MW. In addition to the standard stocking option, we have a significant inventory of non-standard sizes to support your boiler needs.



Mill Direct Tubing

- Boiler tubes
- Air heater tubes
- Condenser tubes
- Custom orders

Industries served:

- Pulp and Paper
- Power Generation
- Heat Recovery Steam
- Waste to Heat
- Petrochemical
- Sugar Mills

Valmet Tubing specifications for welded products

(Carbon)

ASTM / ASME	Specification
SA-178 *	Electric-resistance welded carbon steel boiler tubes
SA-214	Electric-resistance welded carbon steel heat exchanger and condenser tubes
SA-513	Electric-resistance welded carbon steel mechanical tubing

Stainless

(TP 304, TP 304L, TP 316, TP 316L)

SA-249	Welded austenitic steel boiler, superheater, heat-exchanger, and condenser tubes
SA-269	Welded austenitic stainless steel tubing for general service

Valmet Tubing specifications for products

(Carbon & Alloy)

SA-179	low carbon steel heat exchanger and condenser tubes
SA-192*	carbon steel boiler tubes for high pressure service
SA-209*	carbon-molybdenum alloy-steel boiler and superheater tubes
SA-210*	medium-carbon steel boiler and superheater tubes
SA-213*	ferritic and austenitic alloy-steel boiler, superheater, and heat exchanger

Outside diameter for hot-finished seamless tubes

Outside diameter inches	Standard requirements	Valmet
OD ≤ 3"	- 1/32" + 1/64"	0.016"
OD > 3"	According to standards	

Wall thickness tolerances for hot-finished seamless tubes

(Up to 3" outside diameter)

Minimum wall thickness T _{min} inches	Standard requirements	Cold-drawn	Valmet Hot-finished*
≤ 0.110	- 0 + 35% (- 0 + 40% ≤ 0.095")	OD ≤ 1½"	- 0 + 35%
> 0.110 - ≤ 0.150	- 0 + 35%	- 0 + 20%	- 0 + 28%
> 0.150 - ≤ 0.180	- 0 + 33%		- 0 + 24%
> 0.180 - ≤ 0.400	- 0 + 28%	OD > 1½"	- 0 + 22%
> 0.400	- 0 + 28%	- 0 + 22%	- 0 + 20%

NOTE: for OD > 3" wall thickness, tolerances according to ASTM standards.

* = tighter tolerances upon request
* = stock tubing

For more information, visit www.valmetpowerservicena.com

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