

UNITHERM™ HEATED HOSE PRODUCTS

SERIES 100 ELECTRICALLY HEATED HIGH TEMPERATURE STAINLESS STEEL TUBING

Model 110 Specifications – to 625°F (329°C)

Tube Size	Outside Diameter	Nominal Finished Diameter	Maximum Operating Pressure*	Minimum Bend Radius	Nominal Weight Lb/Ft.
2	1/8"	1.125"	1800 PSI	5"	.35
4	1/4"	1.375"	1800 PSI	10"	.40
5	5/16"	1.500"	1650 PSI	11"	.45
6	3/8"	1.620"	1500 PSI	12"	.55
8	1/2"	1.750"	1200 PSI	14"	.60

* At 625°F (329°C)

Temperature Differential Chart (Data based on Size No. 6 Hose)	Watts/Foot	Delta T 1/1" Insulation
**	5	180°F (82°C)
	10	240°F (116°C)
	15	340°F (171°C)
	20	440°F (227°C)
	25	535°F (279°C)
	30	615°F (324°C)

** Larger Sizes Available upon request.

Construction

Core Material	Stainless steel tubing smooth bore, type 316, welded with various wall thickness (specify with order). Seamless tubing available upon request.
Heating Element	Spiral-wound, nickel alloy wire, fully encapsulated within electrical insulation.
Electrical Insulation	1/2" reinforced fiberglass
Thermal Insulation	Indoor Service – Abrasion resistant braided polyester sleeve
External Jacket	Outdoor Service – tough, extruded polyurethane
Fittings	Model 110 comes standard with bare tube ends for attachment with compression-style fittings. The stainless steel tubes extend past the end of the heated assembly approximately 1-1/2" unless otherwise specified.
Power/Control Cable	Standard length is six (6) feet. Longer lengths are available. Optional electrical connectors can be provided.

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