

Steam Traced Tubing

METRIC SIZES

Series 2201
2203

DEKORON[®]
Unitherm[™]
Tubing Bundle Experts Since 1962

Heavy Steam Traced Tubing

Dekoron[®] Unitherm[™] Series 2201/2203 Heavy Steam Traced Tubing is thermally insulated and prefabricated. These performance-engineered products are designed to maintain fluid temperature viscosity in process lines using saturated steam. The tubes are cabled to provide solid contact and consistent heat transfer throughout the bundle length.

Each line is comprised of the following elements:

- Single or multiple metal or polymer process tube(s)
- Metal steam tracer tube cabled with, and in constant contact with the process tube(s)
- Heat-reflecting foil wrap
- Moisture resistant, non-wicking, inorganic fibrous glass thermal insulation
- Seamless, weather protective jacket, choice of:
 - lead-free low temperature FRPVC;
 - halogen-free FRTPU;
 - flame retardant 125°C Rated FRTPE;

The compact energy-efficient design keeps the outer jacket at or below 60°C while transporting fluids at temperatures up to 204°C

Additional features of this product are:

- Compact design
- Low heat loss
- Light, durable, easy to handle
- Low maintenance
- Employee protection
- Easy to install
- Cost savings of up to 50% over field fabrication
- Consistent and predictable thermal characteristics

Applications for this product:

- Analyzer and instrument lines
- Small Diameter process lines
- Impulse lines—D/P Cells



Standard Products in this Series:

2201-Q0AN1	2201-Q7AQ1-H0S	2203-Q0BQ0
2201-Q0AQ0	2201-Q7AQ0-H0S	2203-Q7BQ1
2201-R0AQ1	2201-R7AQ1-H0S	2203-R7BQ7
2201-R7AQ0	2201-R7AQ7-H0S	2203-R7BQ7-H0S

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Product Specifications 2201/2203 Heavy Steam Traced Tubing Bundles

Process Tube OD (mm)	Tracer Tube OD (mm)	Bundle OD (mm)	Nom. Weight (Kg/m)	Nom. Heat Loss W/m	Min. Bend Radius (cm)
6	6	30.5	0.7	70	18
10	6	38.1	0.9	72	23
10	10	40.6	1.0	85	24
12	10	40.6	1.3	94	24
12	12	43.2	1.4	104	26
16	12	50.8	1.8	118	30
(2) 6	10	33.0	1.3	76	20
(2) 10	10	35.6	1.4	77	21
(2) 12	10	40.6	1.6	91	24
(2) 12	12	45.7	1.8	100	30

Note: Nominal jacket surface temperature for 2201/2203 bundles is 60°C at an ambient temperature of 27°C and a tube temperature of 204°C.

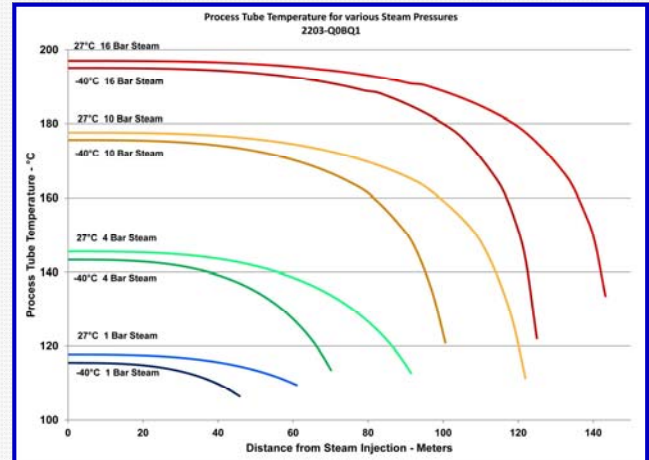
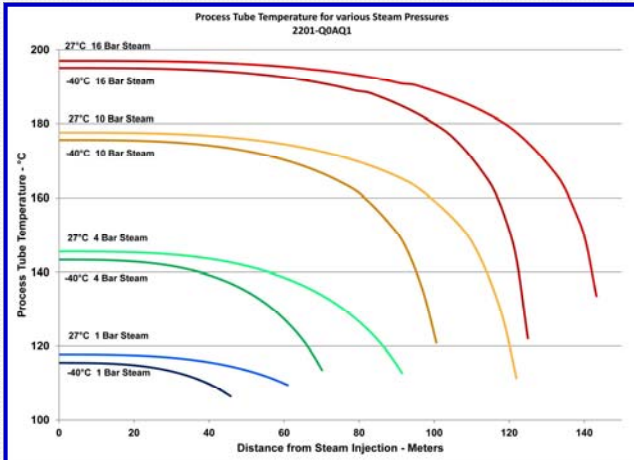
Process Tube:

Tube OD (mm)	Tube Wall ¹	Standard Tube Material ²	Tubing Specs (ASTM) ³	Working Pressure ⁴
(1) or (2) 6	1 mm	T316/T316L WLD SS	A-269 / A-213 EAW	346 Bar
(1) or (2) 10	1 mm	T316/T316L WLD SS	A-269 / A-213 EAW	195 Bar
(1) or (2) 12	1 mm	T316/T316L WLD SS	A-269 / A-213 EAW	160 Bar
(1) or (2) 16	1 mm	T316/T316L WLD SS	A-269 / A-213 EAW	118 Bar

Tracer Tube:

Tube OD	Tube Wall ¹	Standard Tube Material ²	Tubing Specs (ASTM) ³	Working Pressure ⁴
6 mm	1 mm	#122 DHP Copper	B-68 / B-75	56 Bar
10 mm	1 mm	#122 DHP Copper	B-68 / B-75	32 Bar
12 mm	1 mm	#122 DHP Copper	B-68 / B-75	26 Bar
12 mm	1 mm	T316/T316L WLD SS	A-269 / A-213 EAW	160 Bar

- Notes:**
1. Standard tube wall thickness shown. Heavier wall thickness available, contact Dekoron Unitherm for details.
 2. Seamless stainless steel and most stainless steel alloys, including high-nickel alloys are available, contact Dekoron Unitherm for details.
 3. ASTM Standards for standard tube materials shown. Other alloys will be covered by separate Standards.
 4. Working pressure on stainless steel tubing shown for welded tubing, seamless tubing will be higher.



To find performance of other 2201 Steam Traced Tubing Sizes:

Multiply the values show above by the factor for the model number shown:

2201-Q0AN1 2201-Q0AQ1 2201-R0AN1 2201-R0AQ1

Tube Temperature	1.04	1	0.97	1
Run Distance	0.6	1	0.6	1

To find performance of other 2203 Steam Traced Tubing Sizes:

Multiply the values show above by the factor for the model number shown:

2203-Q0BN1 2203-Q0BQ1 2203-R0BN1 2203-R0BQ1

Tube Temperature	1	1	1	1
Run Distance	0.9	1	0.6	0.9

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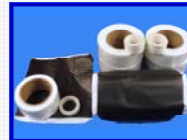
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For additional information visit our website:
www.unithermcc.com

Heat Shrink End Boots



Seal Patch Kit



RTV End Sealant



Entry Seals



Steam Traced Tubing Accessories:

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