



Instrumentation Tubing

Seamless Straight Length Stainless Steel Tubing

Specifications

- Seamless Restricted Tolerance Tubing
 - Hardness: < 80 Rockwell B
 - OD Tolerance: =+0.005/-0.000 in.
 - Corrosion Resistance: > 2.0% Molybdenum
- Dual Grade 316/316L SS
- Metric and Fractional Tubing
- OD: 1/4 to 1 in. (6 to 25 mm)
- Wall Thicknesses: 0.028 to 0.134 (1 to 2.5 mm)



Features

- Tightly controlled OD wall thickness and ovality for better tube fitting installations.
- Corrosion resistance: All SSP tubing has Molybdenum content greater than 2.5%.
- Hardness: Rockwell hardness (HRb) less than 80 for better tube fitting grip and easier bending.
- Clear Product Identification and Traceability. OD, wall thickness, material, pressure rating, standard, mill and heat ID printed on the lay line of the tubing
- Metric and Fractional Sizes

Ordering Information

SSP Straight Length Tubing is available in 20 ft lengths. To order, specify the part number from the table below and the total footage of tubing required. Example: 240 RTT3160125X028 orders 12 20 ft. lengths of tubing.

Fractional Sizes				
OD	Wall Thickness	Part Number	Working Pressure (psig)	Weight (lbs/ft)
1/8	0.028	RTT3160125X028	8575	0.03
	0.035	RTT3160250X035	5125	0.081
1/4	0.049	RTT3160250X049	7500	0.106
	0.065	RTT3160250X065	10475	0.13
3/8	0.035	RTT3160375X035	3325	0.128
	0.049	RTT3160375X049	4800	0.172
	0.065	RTT3160375X065	5100	0.217
1/2	0.035	RTT3160500X035	2625	0.176
	0.049	RTT3160500X049	3750	0.238
	0.065	RTT3160500X065	5100	0.304
5/8	0.065	RTT3160625X065	4000	0.40
3/4	0.065	RTT3160750X065	3300	0.48
	0.083	RTT3160750X083	4975	0.67
1	0.083	RTT3161000X083	3150	0.81
	0.095	RTT3161000X083	3650	0.96
	0.109	RTT3161000X109	4425	1.03
	0.134	RTT3161000X134	5300	1.26

Metric Sizes				
OD	Wall Thickness	Part Number	Working Pressure (bar)	Weight (Kg/m)
6	1.0	RTT316M06XM1.0	420	0.125
	1.5	RTT316M06XM1.5	710	0.169
8	1.0	RTT316M08XM1.0	310	0.175
	1.5	RTT316M08XM1.5	500	0.244
10	1.0	RTT316M10XM1.0	240	0.225
	1.5	RTT316M10XM1.5	400	0.319
12	1.0	RTT316M12XM1.0	200	0.275
	1.5	RTT316M12XM1.5	330	0.394
	2.0	RTT316M12XM2.0	470	0.491
16	1.5	RTT316M16XM1.5	200	0.54
	2.0	RTT316M16XM2.0	270	0.68
18	1.5	RTT316M18XM1.5	170	0.61
	2.0	RTT316M18XM2.0	240	0.79
20	2.0	RTT316M20XM2.0	210	0.89
25	2.0	RTT316M25XM2.0	170	1.13
	2.5	RTT316M25XM2.5	150	1.38

Seamless Coiled Stainless Steel Tubing

Specifications

- Seamless Restricted Tolerance Tubing
 - Hardness: < 80 Rockwell B
 - OD Tolerance: +0.005/-0.000 in.
 - Corrosion Resistance: > 2.0% Molybdenum
- Dual Grade 316/316L SS
- OD: 1/4 to 1/2 in.
- Wall Thicknesses: 0.035 to 0.065
- Extra long coils up to 2300 ft.



Features

- Longer lengths
 - Up to 6,000 feet welds or mechanical connections
 - Up to 30% longer continuous length than other manufacturers
- Tightly controlled OD wall thickness and ovality for better tube fitting installations.
- Hardness: Rockwell hardness (HRb) less than 80 for better tube fitting grip and easier bending.
- Clear Product Identification and Traceability. OD, wall thickness, material, pressure rating, standard, mill and heat ID printed on the lay line of the tubing.

Common Applications

- Well completion
- Heat exchangers
- Geothermal
- Chromatography
- Heat Exchangers
- Instrumentation
- Gas Transfer
- Alternative Energy
- Chemical Process

Ordering Information

SSP Coiled Tubing available in full coils or in less than full coil lengths. Less than coil lengths can be ordered in increments of 100 feet.¹ To order, specify the part number in the table below and the length of the tubing.

Example: **500 CRTT316025X035**

OD	Wall Thickness	Part Number	Full Coil Length ²	MAWP
1/4	0.035	CRTT3160250X035	2300	5100
	0.049	CRTT3160250X049	1700	7500
	0.065	CRTT3160250X065	1400	10300
3/8	0.035	CRTT3160375X035	1400	3300
	0.049	CRTT3160375X049	1000	4800
	0.065	CRTT3160375X065	850	6550
1/2	0.035	CRTT3160500X035	1000	2450
	0.049	CRTT3160500X049	750	3500
	0.065	CRTT3160500X065	600	4750

¹ An addition spool charge will be added to quotes for less than spool order greater than 300 ft.

² Actual coil length may vary from published lengths.

Packaging

Coiled Tubing is shipped on wooden spools for all lengths of 300 feet or more. Less than 300 ft lengths are shipped in loose coils. All tubing is shrink wrapped, marked and label with the order number, length, size of the tubing.

Material Certification and Traceability

All SSP Coiled Tubing is fully heat and lot traceable. Material certifications are shipped with the tubing.

Important: Please consider total system design when selecting products to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.



TSS-17A

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