

Welded stainless steel pipe and tubing

PRODUCT LINE CARD

304/304L and 316/316L across all listed sizes and walls

ASTM A312 PIPE

21 ft random lengths standard. Double random lengths available. Plain, deburred ends.
Bright annealed through NPS 2. Above NPS 2: annealed and pickled.

Available Sizes and Schedules

NPS	5S	10S	40S	80S
3/8	-	X	X	-
1/2	X	X	X	-
3/4	X	X	X	-
1	X	X	X	-
1 1/4	X	X	X	-
1 1/2	X	X	X	X
2	X	X	X	X
2 1/2	X	X	X	X
3	X	X	X	-
4	X	X	X	-
6	X	X	X	-
8	X	X	X	-
10	X	X	X	-
12	X	X	X	-

X = Available for manufacture · — = Not offered

ASTM A249 / ASME SA249 AND ASTM A269 TUBING

Lengths up to 60 ft. Bright annealed. Plain, deburred ends.

Available Sizes and Wall Thicknesses

Wall Thickness (in.)

OD (in.)	0.028	0.035	0.049	0.065	0.083	0.095	0.109
5/8	X	X	X	X	-	-	-
3/4	X	X	X	X	X	-	-
7/8	X	X	X	X	X	X	X
1	X	X	X	X	X	X	X
1 1/4	X	X	X	X	X	X	X
1 1/2	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X

X = Available for manufacture · — = Not offered

Contact sales for production availability and lead times.

LET'S TALK STAINLESS

sales@nexteel-usa.com (412) 248-2185

1001 East Waterfront Drive, Munhall, PA 15120 nexteel-usa.com



REQUEST A QUOTE

Mechanical and Ornamental Tubing

ASTM A554 304/304L AND 316/316L

20 ft standard lengths. Plain, deburred ends.

ROUND TUBING

Available Sizes and Wall Thicknesses

Wall Thickness (in.)

OD (in.)	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120
5/8	X	X	X	X	-	-	-	-
3/4	X	X	X	X	X	-	-	-
1	X	X	X	X	X	X	X	-
1 1/4	X	X	X	X	X	X	X	-
1 1/2	X	X	X	X	X	X	X	-
2	X	X	X	X	X	X	X	-
3	-	X	X	X	X	X	X	X
4	-	X	X	X	X	X	X	X

X = Available for manufacture · — = Not offered

5/8-2 in. OD: as-welded. 3 and 4 in. OD: as-welded or welded and pickled.

SQUARE TUBING

Available Sizes and Wall Thicknesses

Wall Thickness (in.)

Size (in.)	0.065	0.120	0.180	0.250
1 x 1	X	X	-	-
1 1/2 x 1 1/2	X	X	-	-
2 x 2	X	X	-	-
3 x 3	X	X	X	X
4 x 4	X	X	X	X

X = Available for manufacture · — = Not offered

As-welded or welded and pickled in every listed square size.

TESTING AND DOCUMENTATION

MTRs and heat-number traceability with every shipment. Chemical composition, dimensional and visual conformance to the applicable specification.

A312: Tension, flattening, and hydrostatic or nondestructive electric testing.

A249 / SA249: Tension, flattening, flange, reverse-bend, hardness, and hydrostatic or NDE.

A269: Flange, reverse-flattening, hardness, and hydrostatic or NDE.

A554: Heat analysis. Mechanical / NDE tests when specified as supplementary requirements.

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Pipe weight per foot

APPROXIMATE WEIGHT PER FOOT (lb/ft)

One weight per size and wall, applicable to 304/304L and 316/316L. — = Not offered.

ASTM A312 PIPE

NPS	OD (in.)	5S		10S		40S		80S	
		Wall (in.)	lb/ft	Wall (in.)	lb/ft	Wall (in.)	lb/ft	Wall (in.)	lb/ft
3/8	0.675	-	-	0.065	0.43	0.091	0.57	-	-
1/2	0.840	0.065	0.54	0.083	0.68	0.109	0.86	-	-
3/4	1.050	0.065	0.69	0.083	0.87	0.113	1.14	-	-
1	1.315	0.065	0.88	0.109	1.42	0.133	1.69	-	-
1 1/4	1.660	0.065	1.12	0.109	1.82	0.140	2.29	-	-
1 1/2	1.900	0.065	1.29	0.109	2.10	0.145	2.74	0.200	3.67
2	2.375	0.065	1.62	0.109	2.66	0.154	3.69	0.218	5.07
2 1/2	2.875	0.083	2.50	0.120	3.56	0.203	5.85	0.276	7.73
3	3.500	0.083	3.06	0.120	4.37	0.216	7.65	-	-
4	4.500	0.083	3.95	0.120	5.67	0.237	10.89	-	-
6	6.625	0.109	7.66	0.134	9.38	0.280	19.15	-	-
8	8.625	0.109	10.01	0.148	13.52	0.322	28.82	-	-
10	10.750	0.134	15.34	0.165	18.83	0.365	40.86	-	-
12	12.750	0.156	21.18	0.180	24.39	0.375	50.03	-	-

Calculation basis

Weights calculated using: $\text{lb/ft} = 10.78 \times (\text{OD} - \text{wall}) \times \text{wall}$.
 OD and wall are in inches. Values are rounded to two decimals.
 Approximate weights; actual weights vary with manufacturing tolerances.

Dimensions: ASME B36.19 and ASME B36.10 reference tables.
 Approximate weights for 300-series stainless steel.
 Reference weights are not guaranteed shipping weights.

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Tube weight per foot

APPROXIMATE WEIGHT PER FOOT (lb/ft)

One weight per size and wall, applicable to 304/304L and 316/316L. — = Not offered.

ROUND TUBE

5/8-2 in.: A249 / SA249 and A269; A554 except 7/8 in.
3 and 4 in.: A554 only. Wall Thickness (in.)

OD (in.)	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120
5/8	0.18	0.22	0.30	0.39	-	-	-	-
3/4	0.22	0.27	0.37	0.48	0.60	-	-	-
7/8	0.26	0.32	0.44	0.57	0.71	0.80	0.90	-
1	0.29	0.36	0.50	0.66	0.82	0.93	1.05	-
1 1/4	0.37	0.46	0.63	0.83	1.04	1.18	1.34	-
1 1/2	0.44	0.55	0.77	1.01	1.27	1.44	1.63	-
2	0.60	0.74	1.03	1.36	1.72	1.95	2.22	-
3	-	1.12	1.56	2.06	2.61	2.98	3.40	3.73
4	-	1.50	2.09	2.76	3.50	4.00	4.57	5.02

SQUARE TUBE

ASTM A554. Wall Thickness (in.)

Size (in.)	0.065	0.120	0.180	0.250
1 x 1	0.83	1.45	-	-
1 1/2 x 1 1/2	1.28	2.27	-	-
2 x 2	1.73	3.10	-	-
3 x 3	2.62	4.74	6.97	9.44
4 x 4	3.51	6.39	9.44	12.87

All table values are lb/ft. Round-tube formula and weight notes: see page 3.

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