



Drain, Waste & Vent Copper Tubing

- Max. operating temp.: 400°F
- 10 ft.

Also known as DWV, straight tubing helps remove waterborne waste using gravity instead of pressure. This low-pressure rated tubing is suitable for above-ground applications but cannot carry the water pressure used in most municipal water supply systems. Commonly used for drain, waste, vent, HVAC, and solar applications. ASTM specifications are permanently marked or incised in yellow to distinguish between other copper tube types.

Copper Tube Size	Outside Diameter	Wall Thickness	Max. Operating Pressure	Item No.
1 1/4 in	1 1/2 in	0.04 in	269 psi @ 200°F	22FC88
1 1/2 in	1 3/4 in	0.042 in	240 psi @ 200°F	22FC89
2 in	2 1/4 in	0.042 in	178 psi @ 200°F	22FC90
3 in	3 1/2 in	0.045 in	130 psi @ 200°F	22FC91
4 in	4 1/2 in	0.058 in	122 psi @ 200°F	22FC92

Outside Diameter	Inside Dia.	Wall Thickness	Max. Operating Pressure	304 Stainless Steel Item No.	316 Stainless Steel Item No.
Welded Stainless Steel Tubing					
Coil, 50 ft Length					
1/8 in	0.085 in	0.02 in	3,923 psi @ 72°F	3ADC6	3ADJ7
1/8 in	0.194 in	0.028 in	3,570 psi @ 72°F	3ADC8	3ADJ9
1/4 in	0.21 in	0.02 in	2,500 psi @ 72°F	3ADC7	3ADJ8
3/8 in	0.319 in	0.028 in	2,380 psi @ 72°F	3ADD1	3ADK2
3/8 in	0.335 in	0.02 in	1,678 psi @ 72°F	3ADC9	—
1/2 in	0.46 in	0.02 in	1,337 psi @ 72°F	3ADD2	3ADK3
Straight, 6 ft Length					
3/16 in	0.148 in	0.02 in	3,303 psi @ 72°F	3ADD7	—
3/16 in	0.12 in	0.065 in	8,125 psi @ 72°F	3ADE2	—
3/16 in	0.152 in	0.049 in	6,125 psi @ 72°F	3ADE1	—
1/4 in	0.18 in	0.035 in	4,375 psi @ 72°F	3ADD9	—
1/4 in	0.194 in	0.028 in	3,570 psi @ 72°F	3ADD8	—
1/4 in	0.21 in	0.02 in	2,500 psi @ 72°F	3ADU9	—
1/4 in	0.245 in	0.065 in	5,452 psi @ 72°F	3ADF3	3ADN1
1/4 in	0.277 in	0.049 in	4,110 psi @ 72°F	3ADF2	—
3/8 in	0.305 in	0.035 in	2,936 psi @ 72°F	3ADF1	3AFD8
3/8 in	0.319 in	0.028 in	2,380 psi @ 72°F	3ADE9	3AFD7
3/8 in	0.335 in	0.02 in	1,678 psi @ 72°F	3ADE8	—
3/8 in	0.37 in	0.065 in	4,344 psi @ 72°F	3ADF8	3ADN6
3/8 in	0.402 in	0.049 in	3,275 psi @ 72°F	—	3ADN5
1/2 in	0.43 in	0.035 in	2,339 psi @ 72°F	3ADF6	3ADN4
1/2 in	0.46 in	0.02 in	1,337 psi @ 72°F	3ADF4	—
5/8 in	0.495 in	0.065 in	3,482 psi @ 72°F	3ADG4	—
5/8 in	0.527 in	0.049 in	2,625 psi @ 72°F	3ADG3	—
3/4 in	0.51 in	0.12 in	5,364 psi @ 72°F	5LV6	—
3/4 in	0.584 in	0.083 in	3,710 psi @ 72°F	5LV7	—
1 in	0.87 in	0.065 in	2,183 psi @ 72°F	3ADH3	—
1 1/4 in	1.01 in	0.12 in	3,227 psi @ 72°F	5LVN1	—
1 1/2 in	1.43 in	0.035 in	782 psi @ 72°F	3ADH7	—
1 3/4 in	1.62 in	0.065 in	1,246 psi @ 72°F	—	3CAE1
2 in	1.76 in	0.12 in	2,015 psi @ 72°F	5LVN7	—
2 in	1.902 in	0.049 in	823 psi @ 72°F	—	3CAE3
2 in	1.93 in	0.035 in	588 psi @ 72°F	3ADJ4	—

High-Strength Seamless Stainless Steel Tubing					
Straight, 6 ft Length					
1/8 in	0.055 in	0.035 in	8,582 psi @ 72°F	—	4NTK8
1/8 in	0.069 in	0.028 in	7,140 psi @ 72°F	3ACR7	—
3/16 in	0.118 in	0.035 in	5,780 psi @ 72°F	3ACT3	—
3/16 in	0.148 in	0.02 in	3,393 psi @ 72°F	3ACT1	—
3/16 in	0.118 in	0.02 in	2,500 psi @ 72°F	—	4NTL2
3/16 in	0.12 in	0.065 in	8,125 psi @ 72°F	—	5LVR1
3/16 in	0.152 in	0.049 in	6,125 psi @ 72°F	3ACT8	5LVR2
3/16 in	0.18 in	0.035 in	2,005 psi @ 72°F	—	3ACH4
1/4 in	0.18 in	0.035 in	4,375 psi @ 72°F	3ACT7	—
1/4 in	0.194 in	0.028 in	3,750 psi @ 72°F	3ACT6	—
1/4 in	0.21 in	0.02 in	2,500 psi @ 72°F	3ACT5	—
1/4 in	0.21 in	0.028 in	3,750 psi @ 72°F	—	4NTL3
1/4 in	0.23 in	0.01 in	1,250 psi @ 72°F	5LVN8	—
5/16 in	0.243 in	0.035 in	3,508 psi @ 72°F	3ACU3	—
5/16 in	0.209 in	0.083 in	6,962 psi @ 72°F	3ACV4	5LVR6
5/16 in	0.245 in	0.065 in	5,452 psi @ 72°F	3ACV3	3ACH6
5/16 in	0.277 in	0.049 in	4,110 psi @ 72°F	—	5LVR7
3/8 in	0.305 in	0.035 in	2,936 psi @ 72°F	3ACV1	5LVR8
3/8 in	0.319 in	0.028 in	2,380 psi @ 72°F	3ACU9	—
3/8 in	0.335 in	0.02 in	1,678 psi @ 72°F	3ACU8	5LVR9
3/8 in	0.26 in	0.12 in	8,020 psi @ 72°F	3ACW2	5LV70
3/8 in	0.31 in	0.095 in	6,349 psi @ 72°F	5LVP0	—
1/2 in	0.37 in	0.065 in	4,344 psi @ 72°F	3ACV9	5LV71
1/2 in	0.402 in	0.049 in	3,275 psi @ 72°F	—	5LV72
1/2 in	0.43 in	0.035 in	2,339 psi @ 72°F	3ACV7	3ACH7
1/2 in	0.444 in	0.028 in	1,785 psi @ 72°F	3ACV6	—
1/2 in	0.62 in	0.065 in	2,906 psi @ 72°F	3ACX3	4NTN6
3/4 in	0.652 in	0.049 in	2,190 psi @ 72°F	3ACX2	—
3/4 in	0.667 in	0.083 in	3,710 psi @ 72°F	—	4NTN7
3/4 in	0.68 in	0.035 in	1,565 psi @ 72°F	3ACX1	—
3/4 in	0.834 in	0.083 in	2,787 psi @ 72°F	3ACY4	—
1 in	0.87 in	0.065 in	2,183 psi @ 72°F	3ACY3	—
1 in	0.93 in	0.035 in	1,175 psi @ 72°F	3ACY1	—
1 1/4 in	1.01 in	0.12 in	3,227 psi @ 72°F	3ACZ1	—
1 1/2 in	1.26 in	0.12 in	2,682 psi @ 72°F	3ACZ8	—
1 1/2 in	1.37 in	0.065 in	1,453 psi @ 72°F	—	3ACL2



Welded, Coil



Welded, Straight



High-Strength, Straight

General Purpose Stainless Steel Tubing

- Max. operating temp.: 1,500°F

Welded—Tubing is durable, strong, and resists corrosion in air, fluid, and gas transfers in food and beverage, pharmaceutical, and automotive applications. It's available in longer lengths than seamless tubing and is produced through roll-forming strips or sheets, then welding the seam.

High-Strength Seamless—Tubes are uniform tubes formed through an extrusion process that offer more strength, corrosion resistance, and withstand higher pressures than welded tubing. No seams allow for heavier wall thicknesses more suitable in critical applications in harsh environments including oil and gas control lines, chemical injection lines, and fluid and gas transfer.

Outside Diameter	Inside Dia.	Wall Thickness	Max. Operating Pressure	316 Stainless Steel Item No.
High-Strength Seamless Stainless Steel Tubing				
Straight, 2 m Length				
6 mm	4-mm	1-mm	5,100 psi	4NTJ6
8 mm	5-mm	1.5-mm	5,800 psi	4NTJ7
8 mm	6-mm	1-mm	3,545 psi	4NTK2
10 mm	6-mm	2-mm	6,300 psi	4NTJ8
10 mm	7-mm	1.5-mm	4,621 psi	4NTK3
12 mm	8-mm	2-mm	5,415 psi	4NTK4
16 mm	12-mm	2-mm	4,065 psi	4NTK5
20 mm	16-mm	2-mm	3,258 psi	4NTK6