

IUELLER PFAMLINE

## **Drain, Waste & Vent Copper Tubing**

Max. operating temp.: 400°F

10 ft.

Also know 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	No.
11/4 in	13% in	0.04 in	269 psi @ 200°F	22FC88
11/2 in	15% in	0.042 in	240 psi @ 200°F	22FC89
2 in	21/8 in	0.042 in	178 psi @ 200°F	22FC90
3 in	31/8 in	0.045 in	130 psi @ 200°F	22FC91
4 in	41% in	0.058 in	122 psi @ 200°F	22FC92

utside Diameter Nelded Stainless	Inside Dia.	Wall Thickness	Max. Operating Pressure	304 Stainless Steel Item No.	316 Stainles Steel Item No.
Coil, 50 ft Length	Steel lubing				
1/8 in	0.085 in	0.02 in	3 923 nsi @ 72°F	3ADC6	3ADJ7
	0.194 in	0.028 in	3,923 psi @ 72°F 3,570 psi @ 72°F	3ADC8	3ADJ9
1/4 in -	0.21 in	0.02 in	2 500 nsi @ 72°F	3ADC7	3ADJ8
3% in -	0.319 in	0.028 in	2,380 psi @ 72°F	3ADD1	3ADK2
	0.335 in	0.02 in	1,678 psi @ 72°F	3ADC9	—
1½ in	0.46 in	0.02 in	1,337 psi @ 72°F	3ADD2	3ADK3
Straight, 6 ft Leng	jth	0.00	0.000 : 0.7005		
3⁄16 in	0.148 in	0.02 in	3,303 psi @ 72°F	3ADD7 3ADE2	-
-	0.12 in 0.152 in	0.065 in 0.049 in	8,125 psi @ 72°F 6,125 psi @ 72°F	3ADE2 3ADE1	
1⁄4 in	0.18 in	0.035 in	4,375 psi @ 72°F	3ADD9	
	0.194 in	0.028 in	3,570 psi @ 72°F	3ADD8	_
-	0.21 in	0.02 in	2.500 psi @ 72°F	3ADU9	_
	0.245 in	0.065 in	5,452 psi @ 72°F	3ADF3	3ADN1
-	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
_	0.319 in	0.028 in	2,380 psi @ 72°F	3ADE9	3AFD7
	0.335 in	0.02 in	1,678 psi @ 72°F	3ADE8	—
-	0.37 in	0.065 in	4,344 psi @ 72°F 3,275 psi @ 72°F	3ADF8	3ADN6
1⁄2 in -	0.402 in	0.049 in	3,275 psi @ 72°F 2,339 psi @ 72°F	3ADF6	3ADN5 3ADN4
-	0.43 in 0.46 in	0.035 in 0.02 in	1,337 psi @ 72°F	3ADF0 3ADF4	SADIN4
	0.40 in	0.065 in	3,482 psi @ 72°F	3ADG4	_
5% in -	0.527 in	0.049 in	2,625 psi @ 72°F	3ADG3	
	0.51 in	0.12 in	5,364 psi @ 72°F	5LVL6	_
3/4 in -	0.584 in	0.083 in	3,710 psi @ 72°F	5LVL7	-
1 in	0.87 in	0.065 in	2,183 psi @ 72°F	3ADH3	-
1¼ in	1.01 in	0.12 in	3.227 psi @ 72°F	5LVN1	—
11/2 in	1.43 in	0.035 in	782 psi @ 72°F	3ADH7	
13⁄4 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	
	1.902 in	0.049 in	823 psi @ 72°F		3CAE3
High-Strength Sea		0.035 in Steel Tubing	588 psi @ 72°F	3ADJ4	
	imless Stainless jth	Steel Tubing		3ADJ4	_
Straight, 6 ft Leng	imless Stainless jth 0.055 in	Steel Tubing 0.035 in	8,582 psi @ 72°F	_	4NTK8
	imless Stainless jth 0.055 in 0.069 in	<b>Steel Tubing</b> 0.035 in 0.028 in	8,582 psi @ 72°F 7 140 psi @ 72°F	 3ACR7	4NTK8
Straight, 6 ft Leng	nthess Stainless 1th 0.055 in 0.069 in 0.118 in	Steel Tubing    0.035 in    0.028 in    0.035 in	8,582 psi @ 72°F 7 140 psi @ 72°F		4NTK8
Straight, 6 ft Leng 1% in -	mless Stainless pth 0.055 in 0.069 in 0.118 in 0.148 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.035 in    0.02 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 3,393 psi @ 72°F	 3ACR7	
Straight, 6 ft Leng 1% in -	mless Stainless gth 0.055 in 0.069 in 0.118 in 0.148 in 0.118 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.035 in    0.020 in    0.02 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 3,393 psi @ 72°F 2,500 psi @ 72°F		— — 4NTL2
Straight, 6 ft Leng 1% in -	miless Stainless pth 0.055 in 0.069 in 0.118 in 0.148 in 0.118 in 0.12 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.02 in    0.02 in    0.02 in    0.026 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 3,393 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F		
Straight, 6 ft Leng 1% in -	Image: Stainless Stainless    0.055 in    0.069 in    0.118 in    0.148 in    0.118 in    0.12 in    0.152 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.02 in    0.02 in    0.026 in    0.065 in    0.049 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 3,393 psi @ 72°F 8,125 psi @ 72°F 6,125 psi @ 72°F		
Straight, 6 ft Leng 1% in -	miless Stainless pth 0.055 in 0.069 in 0.118 in 0.148 in 0.118 in 0.12 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.02 in    0.02 in    0.02 in    0.026 in	8,582 psi @ 72°F 7,140 psi @ 72°F 3,393 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 6,125 psi @ 72°F 2,005 psi @ 72°F 4,375 psi @ 72°F		
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<b>Straight, 6 ft Leng</b> % in - אנה in - - -	mless Stainless th 0.055 in 0.169 in 0.118 in 0.118 in 0.12 in 0.152 in 0.18 in 0.18 in 0.194 in 0.21 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.020 in    0.020 in    0.065 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 6,125 psi @ 72°F 2,005 psi @ 72°F 4,375 psi @ 72°F 3,750 psi @ 72°F		
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Straight, 6 ft Leng    ½ in    ¾ in    ¾ in    ¾ in    14 in    14 in	mless Stainless gth 0.055 in 0.069 in 0.118 in 0.118 in 0.118 in 0.12 in 0.12 in 0.18 in 0.18 in 0.18 in 0.19 in 0.21 in 0.21 in 0.21 in 0.23 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.02 in    0.02 in    0.02 in    0.025 in    0.049 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.028 in    0.028 in    0.021 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 6,125 psi @ 72°F 2,005 psi @ 72°F 4,375 psi @ 72°F 2,500 psi @ 72°F 2,500 psi @ 72°F 1,250 psi @ 72°F		
<b>ttraight, 6 ft Leng</b> 1% in - ⅔16 in - - -	mless Stainess yth 0.055 in 0.069 in 0.118 in 0.118 in 0.12 in 0.12 in 0.18 in 0.18 in 0.194 in 0.21 in 0.21 in 0.23 in 0.23 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.020 in    0.020 in    0.065 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.028 in    0.028 in    0.035 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 3,750 psi @ 72°F 2,500 psi @ 72°F 2,500 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ¾ in    ¾ in    ¾ in    14 in    14 in	mless Stainess (th 0.055 in 0.069 in 0.118 in 0.118 in 0.12 in 0.12 in 0.152 in 0.18 in 0.194 in 0.21 in 0.23 in 0.243 in 0.209 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.02 in    0.02 in    0.065 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.01 in    0.035 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 6,125 psi @ 72°F 4,375 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 1,250 psi @ 72°F 3,500 psi @ 72°F 3,500 psi @ 72°F		
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Straight, 6 ft Leng    ½ in    ¾ in    ¾ in    ¾ in    14 in    14 in	mless Stainess yth 0.055 in 0.069 in 0.118 in 0.118 in 0.12 in 0.152 in 0.18 in 0.194 in 0.21 in 0.21 in 0.23 in 0.243 in 0.209 in 0.245 in 0.277 in	Steel Tubing    0.035 in    0.028 in    0.028 in    0.02 in    0.02 in    0.02 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.021 in    0.025 in    0.028 in    0.035 in    0.035 in    0.035 in    0.035 in    0.035 in    0.083 in    0.083 in    0.049 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 3,393 psi @ 72°F 8,125 psi @ 72°F 2,000 psi @ 72°F 2,005 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 4,502 psi @ 72°F 5,452 psi @ 72°F 5,452 psi @ 72°F		
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1 <b>traight, 6 ft Leng</b> ⅓ in - ⅔ in - - - - - - - - - - - - - - - - - - -	mless Stainless yth 0.055 in 0.069 in 0.118 in 0.118 in 0.12 in 0.12 in 0.12 in 0.18 in 0.194 in 0.21 in 0.21 in 0.23 in 0.245 in 0.245 in 0.245 in 0.305 in 0.315 in 0.335 in 0.26 in	Steel Tubing    0.035 in    0.028 in    0.035 in    0.02 in    0.02 in    0.02 in    0.02 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.028 in    0.01 in    0.035 in    0.035 in    0.035 in    0.083 in    0.049 in    0.045 in    0.045 in    0.028 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 3,393 psi @ 72°F 8,125 psi @ 72°F 2,000 psi @ 72°F 2,005 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 4,355 psi @ 72°F 5,452 psi @ 72°F 5,452 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 1,678 psi @ 72°F 8,020 psi @ 72°F 8,020 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ½ in    ¾ in    ¾ in    ¾ in    1¼ in    -    1¼ in    -    5½ in    -    5½ in    -    5½ in    -    5½ in    -    -    5½ in	mless Stainless (th 0.055 in 0.069 in 0.118 in 0.118 in 0.12 in 0.12 in 0.12 in 0.12 in 0.13 in 0.194 in 0.21 in 0.21 in 0.23 in 0.243 in 0.243 in 0.245 in 0.277 in 0.305 in 0.335 in 0.335 in 0.331 in 0.37 in	Steel Tubing    0.035 in    0.028 in    0.025 in    0.02 in    0.02 in    0.02 in    0.026 in    0.049 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.035 in    0.035 in    0.035 in    0.035 in    0.035 in    0.049 in    0.035 in    0.049 in    0.035 in    0.028 in    0.026 in    0.026 in    0.027 in    0.028 in    0.026 in    0.027 in    0.026 in    0.026 in    0.026 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 2,000 psi @ 72°F 2,000 psi @ 72°F 2,000 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 3,500 psi @ 72°F 4,150 psi @ 72°F 5,452 psi @ 72°F 4,110 psi @ 72°F 4,110 psi @ 72°F 4,110 psi @ 72°F 4,110 psi @ 72°F 4,167 psi @ 72°F 4,300 psi @ 72°F 6,349 psi @ 72°F		
1 <b>traight, 6 ft Leng</b> ⅓ in - ⅔ in - - - - - - - - - - - - - - - - - - -	mless Stainless (th) 0.055 in 0.069 in 0.118 in 0.118 in 0.118 in 0.12 in 0.152 in 0.18 in 0.194 in 0.21 in 0.21 in 0.23 in 0.243 in 0.243 in 0.243 in 0.245 in 0.319 in 0.335 in 0.335 in 0.37 in 0.402 in 0.402 in	Steel Tubing    0.035 in    0.028 in    0.022 in    0.02 in    0.02 in    0.026 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.035 in    0.035 in    0.035 in    0.035 in    0.049 in    0.049 in    0.025 in    0.026 in    0.027 in    0.028 in    0.025 in    0.025 in    0.026 in    0.027 in    0.026 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 6,125 psi @ 72°F 4,375 psi @ 72°F 4,375 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 3,500 psi @ 72°F 3,500 psi @ 72°F 3,500 psi @ 72°F 4,110 psi @ 72°F 4,300 psi @ 72°F 4,300 psi @ 72°F 4,300 psi @ 72°F 6,349 psi @ 72°F 4,344 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ½ in    ¾ in    ¾ in    ¾ in    1¼ in    -    1¼ in    -    5½ in    -    5½ in    -    5½ in    -    5½ in    -    -    5½ in	mless Stainless    0.055 in    0.069 in    0.118 in    0.118 in    0.118 in    0.12 in    0.152 in    0.18 in    0.18 in    0.118 in    0.12 in    0.21 in    0.23 in    0.245 in    0.245 in    0.277 in    0.305 in    0.31 in    0.37 in    0.37 in    0.402 in	Steel Tubing    0.035 in    0.028 in    0.028 in    0.02 in    0.02 in    0.02 in    0.02 in    0.02 in    0.02 in    0.049 in    0.035 in    0.028 in    0.021 in    0.028 in    0.035 in    0.028 in    0.021 in    0.025 in    0.025 in    0.026 in    0.025 in    0.026 in    0.026 in    0.026 in    0.026 in    0.026 in    0.035 in    0.049 in    0.049 in    0.049 in    0.0435 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 3,393 psi @ 72°F 2,500 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,500 psi @ 72°F 2,500 psi @ 72°F 2,500 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 4,352 psi @ 72°F 2,542 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 8,020 psi @ 72°F 4,344 psi @ 72°F 4,344 psi @ 72°F 2,339 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ½ in    ¾ in    ¾ in    ¾ in    1¼ in    -    1¼ in    -    5½ in    -    5½ in    -    5½ in    -    5½ in    -    -    5½ in	mless Stainess (th 0.055 in 0.069 in 0.118 in 0.118 in 0.12 in 0.12 in 0.12 in 0.12 in 0.13 in 0.194 in 0.21 in 0.21 in 0.23 in 0.243 in 0.243 in 0.245 in 0.277 in 0.305 in 0.335 in 0.335 in 0.335 in 0.331 in 0.37 in 0.402 in 0.431 in 0.443 in 0.444 in 0.443 in 0.443 in 0.443 in 0.444 in 0.443 in 0.444 in 0.443 in 0.444 in 0.443 in 0.444 in 0.443 in 0.443 in 0.443 in 0.443 in 0.444 in 0.443 in 0.443 in 0.444 in 0.443 in 0.444 in 0.443 in 0.444 in 0.443 in 0.443 in 0.443 in 0.444 in 0.443 in 0.444 in 0.443 in 0.444 in 0.443 in 0.444 in 0.443 in 0.444 in 0.4444 in 0.4444 in 0.4444 in 0.4444 in 0.4444 in	Steel Tubing    0.035 in    0.028 in    0.025 in    0.020 in    0.020 in    0.020 in    0.020 in    0.020 in    0.025 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.035 in    0.035 in    0.035 in    0.035 in    0.049 in    0.035 in    0.028 in    0.026 in    0.026 in    0.026 in    0.026 in    0.026 in    0.049 in    0.035 in    0.049 in    0.035 in    0.045 in    0.045 in    0.045 in    0.035 in    0.035 in    0.035 in    0.035 in    0.035 in    0.035 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 2,000 psi @ 72°F 2,000 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 3,500 psi @ 72°F 4,150 psi @ 72°F 4,150 psi @ 72°F 4,110 psi @ 72°F 4,140 psi @ 72°F 4,340 psi @ 72°F 6,349 psi @ 72°F 4,344 psi @ 72°F 3,375 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ½ in    ¾ in    ¾ in    ¾ in    1¼ in    -    1¼ in    -    5½ in    -    5½ in    -    5½ in    -    5½ in    -    -    5½ in	mless Stainess yth 0.055 in 0.069 in 0.118 in 0.118 in 0.12 in 0.12 in 0.152 in 0.18 in 0.12 in 0.18 in 0.21 in 0.21 in 0.23 in 0.209 in 0.245 in 0.209 in 0.245 in 0.277 in 0.305 in 0.315 in 0.315 in 0.335 in 0.31 in 0.335 in 0.37 in 0.37 in 0.43 in 0.43 in 0.43 in 0.43 in 0.43 in 0.43 in 0.43 in 0.42 in 0.43 in 0.43 in 0.44 in 0.43 in 0.43 in 0.44 in 0.44 in 0.44 in 0.43 in 0.44 in 0.4	Steel Tubing    0.035 in    0.028 in    0.022 in    0.02 in    0.02 in    0.026 in    0.025 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.035 in    0.035 in    0.035 in    0.043 in    0.049 in    0.028 in    0.025 in    0.026 in    0.027 in    0.028 in    0.026 in    0.027 in    0.028 in    0.026 in    0.027 in    0.028 in    0.028 in    0.035 in    0.028 in    0.028 in    0.028 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 6,125 psi @ 72°F 4,375 psi @ 72°F 4,375 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 3,500 psi @ 72°F 3,500 psi @ 72°F 4,110 psi @ 72°F 4,110 psi @ 72°F 4,110 psi @ 72°F 4,110 psi @ 72°F 4,360 psi @ 72°F 4,360 psi @ 72°F 4,364 psi @ 72°F 2,380 psi @ 72°F 4,344 psi @ 72°F 1,785 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ½ in    ¾ in    ¾ in    ¾ in    1¼ in    -    1¼ in    -    5½ in    -    5½ in    -    5½ in    -    5½ in    -    -    5½ in	mless Stainless    yth    0.055 in    0.069 in    0.118 in    0.118 in    0.118 in    0.12 in    0.152 in    0.18 in    0.18 in    0.194 in    0.21 in    0.23 in    0.245 in    0.245 in    0.277 in    0.305 in    0.305 in    0.335 in    0.26 in    0.37 in    0.402 in    0.43 in    0.43 in    0.43 in    0.43 in    0.43 in    0.426 in	Steel Tubing    0.035 in    0.028 in    0.028 in    0.027 in    0.027 in    0.028 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.035 in    0.028 in    0.028 in    0.025 in    0.025 in    0.025 in    0.049 in    0.035 in    0.049 in    0.035 in    0.028 in    0.028 in    0.028 in    0.028 in    0.028 in    0.028 in    0.035 in    0.028 in    0.028 in    0.035 in    0.028 in    0.035 in	8,582 psi @ 72°F 7,140 psi @ 72°F 3,393 psi @ 72°F 2,500 psi @ 72°F 2,000 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,500 psi @ 72°F 2,500 psi @ 72°F 1,250 psi @ 72°F 4,375 psi @ 72°F 5,452 psi @ 72°F 2,360 psi @ 72°F 2,360 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 3,369 psi @ 72°F 3,360 psi @ 72°F 3,360 psi @ 72°F 3,275 psi @ 72°F 2,339 psi @ 72°F 1,785 psi @ 72°F 2,900 psi @ 72°F		
Straight, 6 ft Leng    ½ in  -    ¾ in  -    ¾ in  -    ¾ in  -    1¼ in  -    -  -    1¼ in  -    -  -    5% in  -    -  -    ¾ in  -    -  -    ½ in  -    -  -	mless Stainless    gth    0.055 in    0.069 in    0.118 in    0.118 in    0.118 in    0.12 in    0.152 in    0.18 in    0.194 in    0.194 in    0.21 in    0.23 in    0.243 in    0.209 in    0.245 in    0.305 in    0.335 in    0.26 in    0.31 in    0.402 in    0.43 in    0.43 in    0.462 in    0.43 in    0.652 in    0.652 in	Steel Tubing    0.035 in    0.028 in    0.028 in    0.020 in    0.020 in    0.021 in    0.025 in    0.026 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.049 in    0.035 in    0.049 in    0.028 in    0.026 in    0.026 in    0.026 in    0.026 in    0.026 in    0.028 in    0.049 in    0.049 in    0.049 in    0.049 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 6,125 psi @ 72°F 4,375 psi @ 72°F 4,375 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 3,500 psi @ 72°F 1,250 psi @ 72°F 4,310 psi @ 72°F 2,380 psi @ 72°F 4,340 psi @ 72°F 4,344 psi @ 72°F 4,344 psi @ 72°F 1,785 psi @ 72°F 1,785 psi @ 72°F 2,390 psi @ 72°F 2,390 psi @ 72°F 4,344 psi @ 72°F 1,785 psi @ 72°F 1,785 psi @ 72°F 2,390 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ½ in    % in    % in    -    % in    -    % in    -    5% in    -    % in    -    % in    -    % in    -    ½ in    -    -	Impless Stainless    yth    0.055 in    0.069 in    0.118 in    0.118 in    0.118 in    0.12 in    0.18 in    0.18 in    0.18 in    0.18 in    0.194 in    0.21 in    0.23 in    0.245 in    0.245 in    0.245 in    0.245 in    0.277 in    0.305 in    0.335 in    0.37 in    0.431 in    0.432 in    0.434 in    0.426 in    0.662 in    0.667 in    0.667 in	Steel Tubing    0.035 in    0.028 in    0.028 in    0.028 in    0.02 in    0.02 in    0.02 in    0.02 in    0.025 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.035 in    0.028 in    0.035 in    0.035 in    0.035 in    0.035 in    0.035 in    0.049 in    0.035 in    0.028 in    0.028 in    0.025 in    0.026 in    0.025 in    0.028 in    0.049 in    0.083 in    0.083 in	8,582 psi @ 72°F 7,140 psi @ 72°F 3,393 psi @ 72°F 2,500 psi @ 72°F 2,000 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,500 psi @ 72°F 2,500 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 2,502 psi @ 72°F 2,502 psi @ 72°F 2,360 psi @ 72°F 2,360 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 4,344 psi @ 72°F 4,344 psi @ 72°F 2,339 psi @ 72°F 2,359 psi @ 72°F 2,360 psi @ 72°F 2,906 psi @ 72°F 2,906 psi @ 72°F 2,906 psi @ 72°F 1,565 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ½ in    ¾ 6 in    1¼ in    1¼ in	mless Stainess (th 0.055 in 0.069 in 0.118 in 0.118 in 0.118 in 0.12 in 0.12 in 0.152 in 0.18 in 0.194 in 0.21 in 0.21 in 0.23 in 0.245 in 0.245 in 0.245 in 0.245 in 0.245 in 0.277 in 0.305 in 0.315 in 0.31 in 0.31 in 0.31 in 0.31 in 0.31 in 0.33 in 0.444 in 0.444 in 0.625 in 0.667 in 0.68 in 0.68 in 0.68 in 0.834 in	Steel Tubing    0.035 in    0.028 in    0.028 in    0.027 in    0.027 in    0.028 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.035 in    0.026 in    0.027 in    0.12 in    0.026 in    0.049 in    0.035 in    0.049 in    0.035 in    0.045 in    0.028 in    0.028 in    0.028 in    0.028 in    0.028 in    0.035 in    0.049 in    0.083 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 3,939 psi @ 72°F 2,500 psi @ 72°F 2,000 psi @ 72°F 6,125 psi @ 72°F 4,375 psi @ 72°F 2,500 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 3,500 psi @ 72°F 3,500 psi @ 72°F 3,508 psi @ 72°F 4,110 psi @ 72°F 2,330 psi @ 72°F 2,330 psi @ 72°F 4,344 psi @ 72°F 4,344 psi @ 72°F 2,339 psi @ 72°F 2,390 psi @ 72°F 2,390 psi @ 72°F 2,900		
Straight, 6 ft Leng    ½ in    ½ in    % in    % in    -    % in    -    % in    -    5% in    -    % in    -    % in    -    % in    -    ½ in    -    -	mless Stainless    gth    0.055 in    0.069 in    0.118 in    0.118 in    0.118 in    0.118 in    0.152 in    0.152 in    0.18 in    0.194 in    0.21 in    0.23 in    0.243 in    0.243 in    0.277 in    0.305 in    0.319 in    0.335 in    0.402 in    0.424 in    0.402 in    0.37 in    0.402 in    0.667 in    0.682 in    0.684 in    0.834 in	Steel Tubing    0.035 in    0.028 in    0.028 in    0.020 in    0.020 in    0.021 in    0.065 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.035 in    0.035 in    0.035 in    0.049 in    0.035 in    0.028 in    0.026 in    0.026 in    0.026 in    0.028 in    0.035 in    0.035 in    0.035 in    0.035 in    0.035 in    0.049 in    0.035 in    0.049 in    0.035 in    0.049 in    0.035 in    0.049 in    0.049 in    0.049 in    0.035 in    0.049 in    0.035 in    0.035 in    0.035 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 4,110 psi @ 72°F 2,936 psi @ 72°F 1,678 psi @ 72°F 1,678 psi @ 72°F 1,678 psi @ 72°F 1,678 psi @ 72°F 2,330 psi @ 72°F 1,678 psi @ 72°F 2,330 psi @ 72°F 1,785 psi @ 72°F 2,330 psi @ 72°F 2,330 psi @ 72°F 2,330 psi @ 72°F 2,330 psi @ 72°F 2,339 psi @ 72°F 2,330 psi @ 72°F 2,306 psi @ 72°F 2,180 psi @ 72°F 2,183 psi @ 72°F 2,183 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ½ in    ¾ in    ¼ in    -    ¼ in    -    ¾ in    -    ¼ in    -    ¾ in    -    ¾ in    -    ½ in    -    ¾ in    -    ¾ in    -    ¾ in    -    ¾ in    -    1 in	mless Stainless    yth    0.055 in    0.069 in    0.118 in    0.118 in    0.118 in    0.12 in    0.152 in    0.18 in    0.118 in    0.12 in    0.21 in    0.23 in    0.245 in    0.245 in    0.277 in    0.305 in    0.37 in    0.37 in    0.42 in    0.42 in    0.37 in    0.42 in    0.43 in    0.444 in    0.652 in    0.667 in    0.834 in    0.87 in    0.87 in	Steel Tubing    0.035 in    0.028 in    0.028 in    0.027 in    0.027 in    0.028 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.021 in    0.028 in    0.035 in    0.028 in    0.021 in    0.025 in    0.025 in    0.035 in    0.035 in    0.035 in    0.049 in    0.035 in    0.049 in    0.049 in    0.035 in	8,582 psi @ 72°F 7,140 psi @ 72°F 3,393 psi @ 72°F 2,500 psi @ 72°F 2,000 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 2,500 psi @ 72°F 2,500 psi @ 72°F 1,250 psi @ 72°F 4,375 psi @ 72°F 2,502 psi @ 72°F 2,502 psi @ 72°F 2,360 psi @ 72°F 2,360 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 2,380 psi @ 72°F 4,344 psi @ 72°F 4,344 psi @ 72°F 2,390 psi @ 72°F 2,190 psi @ 72°F 1,655 psi @ 72°F 1,655 psi @ 72°F 1,655 psi @ 72°F 2,187 psi @ 72°F		
Straight, 6 ft Leng    ½ in    ¾ in    ¾ in    ¾ in    1¼ in    1¼ in    -    ½ in    -    ¾ in    -	mless Stainless    gth    0.055 in    0.069 in    0.118 in    0.118 in    0.118 in    0.118 in    0.152 in    0.152 in    0.18 in    0.194 in    0.21 in    0.23 in    0.243 in    0.243 in    0.277 in    0.305 in    0.319 in    0.335 in    0.402 in    0.424 in    0.402 in    0.37 in    0.402 in    0.667 in    0.682 in    0.684 in    0.834 in	Steel Tubing    0.035 in    0.028 in    0.028 in    0.020 in    0.020 in    0.021 in    0.065 in    0.049 in    0.035 in    0.035 in    0.035 in    0.035 in    0.028 in    0.028 in    0.028 in    0.035 in    0.035 in    0.035 in    0.049 in    0.035 in    0.028 in    0.026 in    0.026 in    0.026 in    0.028 in    0.035 in    0.035 in    0.035 in    0.035 in    0.035 in    0.049 in    0.035 in    0.049 in    0.035 in    0.049 in    0.035 in    0.049 in    0.049 in    0.049 in    0.035 in    0.049 in    0.035 in    0.035 in    0.035 in	8,582 psi @ 72°F 7,140 psi @ 72°F 5,780 psi @ 72°F 2,500 psi @ 72°F 8,125 psi @ 72°F 2,005 psi @ 72°F 2,005 psi @ 72°F 3,750 psi @ 72°F 3,750 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 1,250 psi @ 72°F 4,110 psi @ 72°F 2,936 psi @ 72°F 1,678 psi @ 72°F 1,678 psi @ 72°F 1,678 psi @ 72°F 1,678 psi @ 72°F 2,330 psi @ 72°F 1,678 psi @ 72°F 2,330 psi @ 72°F 1,785 psi @ 72°F 2,330 psi @ 72°F 2,330 psi @ 72°F 2,330 psi @ 72°F 2,330 psi @ 72°F 2,339 psi @ 72°F 2,330 psi @ 72°F 2,306 psi @ 72°F 2,180 psi @ 72°F 2,183 psi @ 72°F 2,183 psi @ 72°F		5LVR2 3ACH4 — 4NTL3 — 5LVR6 5LVR7 5LVR8 — 5LVR9 5LVR9 5LVR9 5LVT0 —



Welded, Coil



## **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 High-Strength Seaml	Inside Dia.	Wall Thickness	Max. Operating Pressure	316 Stainless Steel Item No.
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
	6-mm	1-mm	3,545 psi	4NTK2
10 mm	6-mm	2-mm	6,300 psi	4NTJ8
	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

