

Seamless tubing

Hydraulic & instrumentation tubing

Alloys from stock

Stainless Steel	Nickel Alloys	Duplex and Titanium	Copper
• 304/304L • 310/310S • 316/316L • 316 Ti • 317L • 321 • 904L • 6Mo	• 200 • 201 • 400 • 600 • 625 • 825 • C22 • C276	• Duplex • Superduplex • Ti Grade II	• C122

range from stock:

Diameter:

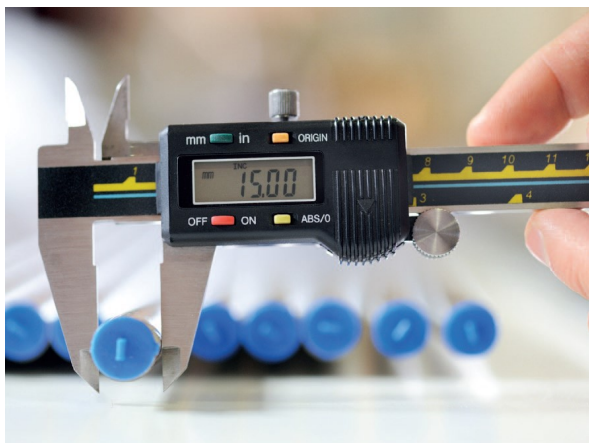
- 0.30 mm OD up to 60 mm OD
- 1/32" OD up to 2" OD

Wall thickness:

- 0.10 mm up to 6 mm
- 0.004" up to 0.250"

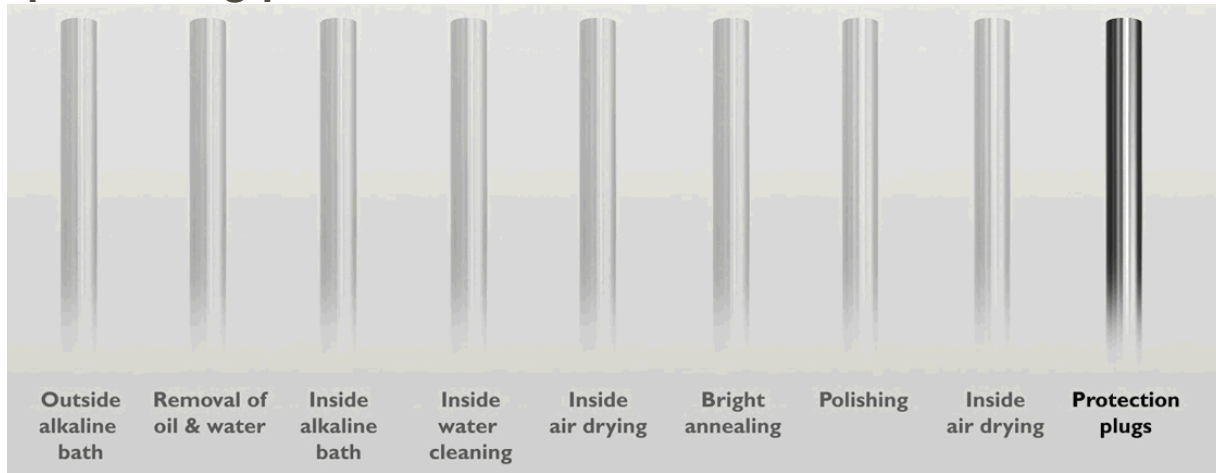
Tolerances of seamless cold drawn tubing, acc to EN 10216-5 TC 1, in stainless steel acc. to ASTM A 269 / A 213 / A 632, ISO 1127 D4/T3, and duplex, nickel alloy, titanium tubing: acc. to ASTM A789, B 163, B 165, B 167, B 407, B 423, B 444, B 622 & B 677.

Our high quality tubes are from EC, US or Japanese origin, with all kind of specifications as: ASTM , ASME, DIN, ISO, EN, NACE, PED, Norsok, AD 2000 W2, TUV and Lloyd's Register. If you are looking for good range of quality/price also we can supply China or India tubing

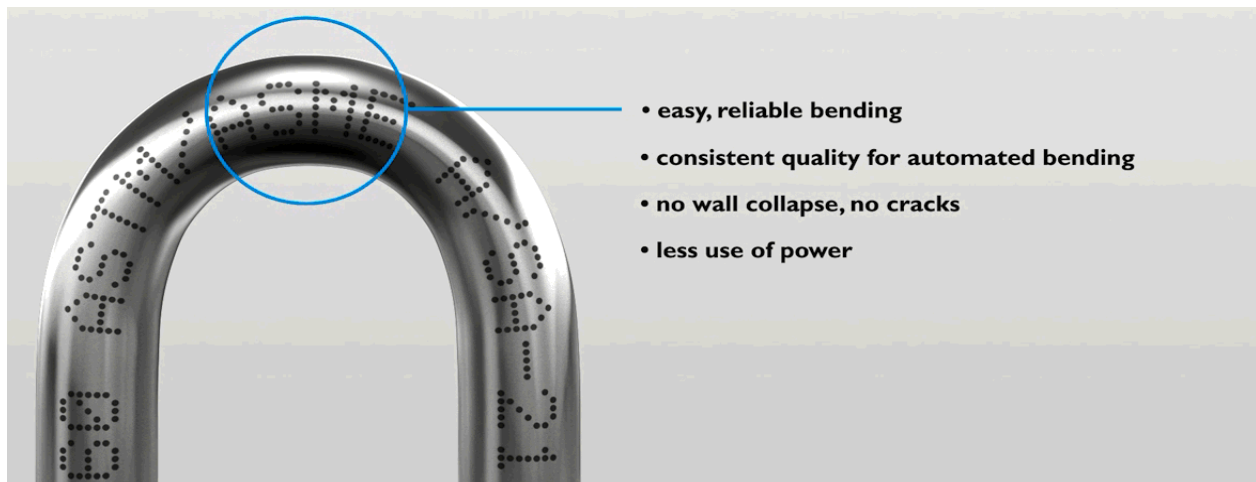


Added value of Redfluid Tubing

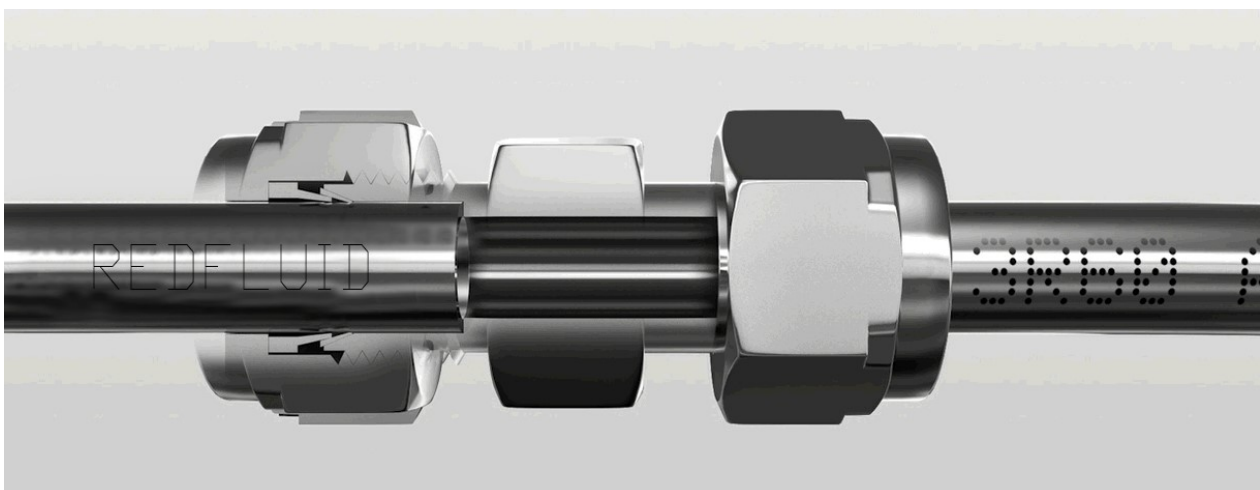
9 step cleaning process:



Optimized hardness of Redfluid tubing results in...



Tight dimensions tolerances for reliable and leak free connections



Stainless Steel Tubing

Suggested Allowable Working Pressure

Tube OD mm	Tube Wall Thickness, mm													
	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	2.8	3.0	3.5	4.0	4.5	5.0
	Working Pressure, bar Note: For gas service, select a tube wall thickness outside of the shaded area. (See Gas Service , page 2.)													
3	670													
6	310	420	540	710										
8		310	390	520										
10		240	300	400	510	580								
12		200	250	330	410	470								
14		160	200	270	340	380	430							
15		150	190	250	310	360	400							
16			170	230	290	330	370	400 ^①						
18			150	200	260	290	320	370						
20			140	180	230	260	290	330	380					
22			140	160	200	230	260	300	340					
25					180	200	230	260	290	320				
28						180	200	230	260	280	330			
30						170	180	210	240	260	310			
32						160	170	200	220	240	290	330		
38							140	160	190	200	240	270	310	
50										150	180	210	240	270

Tube OD in.	Tube Wall Thickness, in.															
	0.010	0.012	0.014	0.016	0.020	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.156	0.188
	Working Pressure, psig Note: For gas service, select a tube wall thickness outside of the shaded area. (See Gas Service , page 2.)															
1/16	5600	6800	8100	9400	12 000											
1/8						8500	10 900									
3/16						5400	7 000	10 200								
1/4						4000	5 100	7 500	10 200 ^①							
5/16							4 000	5 800	8 000							
3/8							3 300	4 800	6 500	7500 ^{①②}						
1/2							2 600	3 700	5 100	6700						
5/8								2 900	4 000	5200	6000					
3/4								2 400	3 300	4200	4900	5800				
7/8								2 000	2 800	3600	4200	4800				
1									2 400	3100	3600	4200	4700			
1 1/4										2400	2800	3300	3600	4100	4900	
1 1/2											2300	2700	3000	3400	4000	4900
2												2000	2200	2500	2900	3600

Allowable working pressures are based on equations from ASME B31.3 and ASME B31.1 for EN ISO 1127 tubing (D4, T4 tolerance for 3 to 12 mm; D4, T3 tolerance 14 to 50 mm), using a stress value of 137.8 MPa (20 000 psi) and tensile strength of 516.4 MPa (74 900 psi), except as noted.

