

STAINLESS STEEL TUBING





ABOUT US

Comfit & Valves Pvt. Limited was formed by a team of pro-efficient technocrats with a zeal to deliver world class products in the field of instrumentation and to create new benchmarks in the instrumentation industry. Relatively young In the field, we have already made a mark in industry for the quality products and competitive pricing.

COMFIT aims to simplify the installation and maintenance of the system, thereby cut down installation time during project and repair time during maintenance very significantly. Products also help in eliminating all leakages / fugitive emissions from instrument connections.

COMFIT is equipped with the most modern and state-of- the-art precision machines. These are thoroughly complimented by instruments and gauges of the highest quality. Every single piece of equipment is handled with precision and confidence by well-trained workforce that undergoes periodic training and up-gradation on a regular basis. Our products are of excellent quality and we are highly focused on maintaining this tough benchmarks we have set for ourselves. There is a continuous and strict vigil from our team on the production methods and process to ensure the superior quality. Our clients demand the highest levels of quality and we adhere to the most stringent values and performance standards that define the instrumentation and process control industry, Our management system conforms to ISO 9001 : 2015, ISO 14001 : 2015 & BS 18001 :2007



ISO 9001-2015

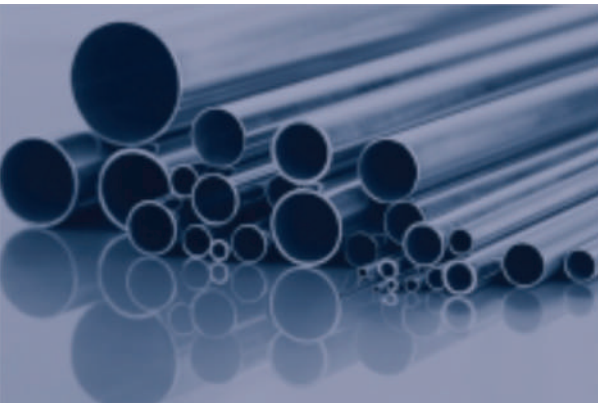


ISO 45001-2018



ISO 14001-2015

MANAGEMENT SYSTEM



GRADES

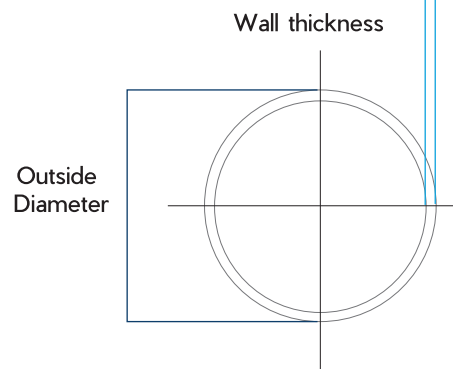
TP-316/H, TP-316L, TP-304, TP-304 L, UNS S31254, UNS N08904/
Various grades as per European Standards UNS S31803, S32205, S32750, S32760

SPECIFICATION

ASTM A 213, A 269, A 789 EN 10216-5 Tubes can also be supplied as per AFNOR, GOST, JIS, EN specification.

FINISH

Annealed and pickled, Polished to bright or BA (Bright Annealed)



PRODUCT RANGE

Outside Diameter	3mm to 25.4mm
	1/8" to 3.2
Wall thickness	0.5 mm to 3.2mm
	0.02" to 0.120"

SAMPLE CHEMICAL COMPOSITION % (MAX.) (TP-316L)

Cr	Chromium	16.0 -18.0
Ni	Nickel	10.0-15.0
C	Carbon	0.035
Mo	Molybdenum	2.0-3.0
Mn	Manganese	2.00
Si	Silicon	1.00
P	Phosphorus	0.045
S	Sulfur	0.030

MAXIMUM ALLOWABLE WORKING PRESSURE TABLE

TABLE 1

316 or 304 STAINLESS STEEL (SEAMLESS)

Size (Inch)	WALL THICKNESS															
	.010	.012	.014	.016	.020	.028	.035	.049	.065	.083	.095	.109	.120	.134	.158	.188
1/16"	5800	6900	8200	9500	12100	16800										
1/8"						8600	10900									
3/16"						5500	7000	10300								
1/4"						4000	5100	7500	10300							
5/16"							4100	5900	8100							
3/8"							3300	4800	8600							
1/2"							2600	3700	5100	6700						
5/8"								3000	4000	5200	6100					
3/4"								2400	3300	4300	5000	5800				
7/8"								2100	2800	3600	4200	4900				
1"									2400	3200	3700	4200	4700			
1-1/4"										3500	2900	3300	3700	4100	4900	
1-1/2"											2400	2700	3000	3400	4000	4500
2"												2000	2200	2500	2900	3200

Reference dimensions, values may be subject to change



TABLE 2

316 or 304 STAINLESS STEEL (WELDED)																
Size (Inch)	WALL THICKNESS															
	.010	.012	.014	.016	.020	.028	.035	.049	.065	.083	.095	.109	.120	.134	.158	.188
1/16"	4800	5900	7000	8100	10300	14300										
1/8"						7300	9300									
3/16"						4700	6000	8700								
1/4"						3400	4400	6400	8700							
5/16"							3400	5000	6900							
3/8"							2800	4100	5600							
1/2"							2200	3200	4300	5700						
5/8"								2500	3400	4500	5200					
3/4"								2100	2800	3700	4200	4900				
7/8"								1800	2400	3100	3600	4200				
1"									2100	2700	3100	3600	4000			
1-1/4"										2100	2400	2800	3100	3500	4200	
1-1/2"											2000	2300	2600	2900	3400	4200
2"												1700	1900	2100	2500	3000

Reference dimensions, values
may be subject to change





ORDERING GUIDE

ASTM A269/A213 SEAMLESS STAINLESS STEEL TUBES, STRAIGHT SECTIONS, TP316SS, PLAIN ENDS

Outside Diameter	Wall thickness	Tube finish	PART NO.
1/4"	0.035"	Polished to bright	L20120-PB-COM
1/4"	0.049"	Polished to bright	L20130-PB-COM
1/4"	0.065"	Polished to bright	L20140-PB-COM
3/8"	0.035"	Polished to bright	L20230-PB-COM
3/8"	0.049"	Polished to bright	L20240-PB-COM
3/8"	0.065"	Polished to bright	L20250-PB-COM
1/2"	0.035"	Polished to bright	L20290-PB-COM
1/2"	0.049"	Polished to bright	L20300-PB-COM
1/2"	0.065"	Polished to bright	L20310-PB-COM
3/4"	0.035"	Polished to bright	L20335-PB-COM
3/4"	0.049"	Polished to bright	L20340-PB-COM
3/4"	0.065"	Polished to bright	L20460-PB-COM
1"	0.035"	Polished to bright	L20468-PB-COM
1"	0.049"	Polished to bright	L20470-PB-COM
1"	0.065"	Polished to bright	L20475-PB-COM

Outside Diameter	Wall thickness	Tube finish	PART NO.
1/4"	0.035"	Bright annealed	L20120-BA-COM
1/4"	0.049"	Bright annealed	L20130-BA-COM
1/4"	0.065"	Bright annealed	L20140-BA-COM
3/8"	0.035"	Bright annealed	L20230-BA-COM
3/8"	0.049"	Bright annealed	L20240-BA-COM
3/8"	0.065"	Bright annealed	L20250-BA-COM
1/2"	0.035"	Bright annealed	L20290-BA-COM
1/2"	0.049"	Bright annealed	L20300-BA-COM
1/2"	0.065"	Bright annealed	L20310-BA-COM
3/4"	0.035"	Bright annealed	L20335-BA-COM
3/4"	0.049"	Bright annealed	L20340-BA-COM
3/4"	0.065"	Bright annealed	L20460-BA-COM
1"	0.035"	Bright annealed	L20468-BA-COM
1"	0.049"	Bright annealed	L20470-BA-COM
1"	0.065"	Bright annealed	L20475-BA-COM

ASTM A269/A213 SEAMLESS STAINLESS STEEL TUBES, STRAIGHT SECTIONS, TP304SS, PLAIN ENDS

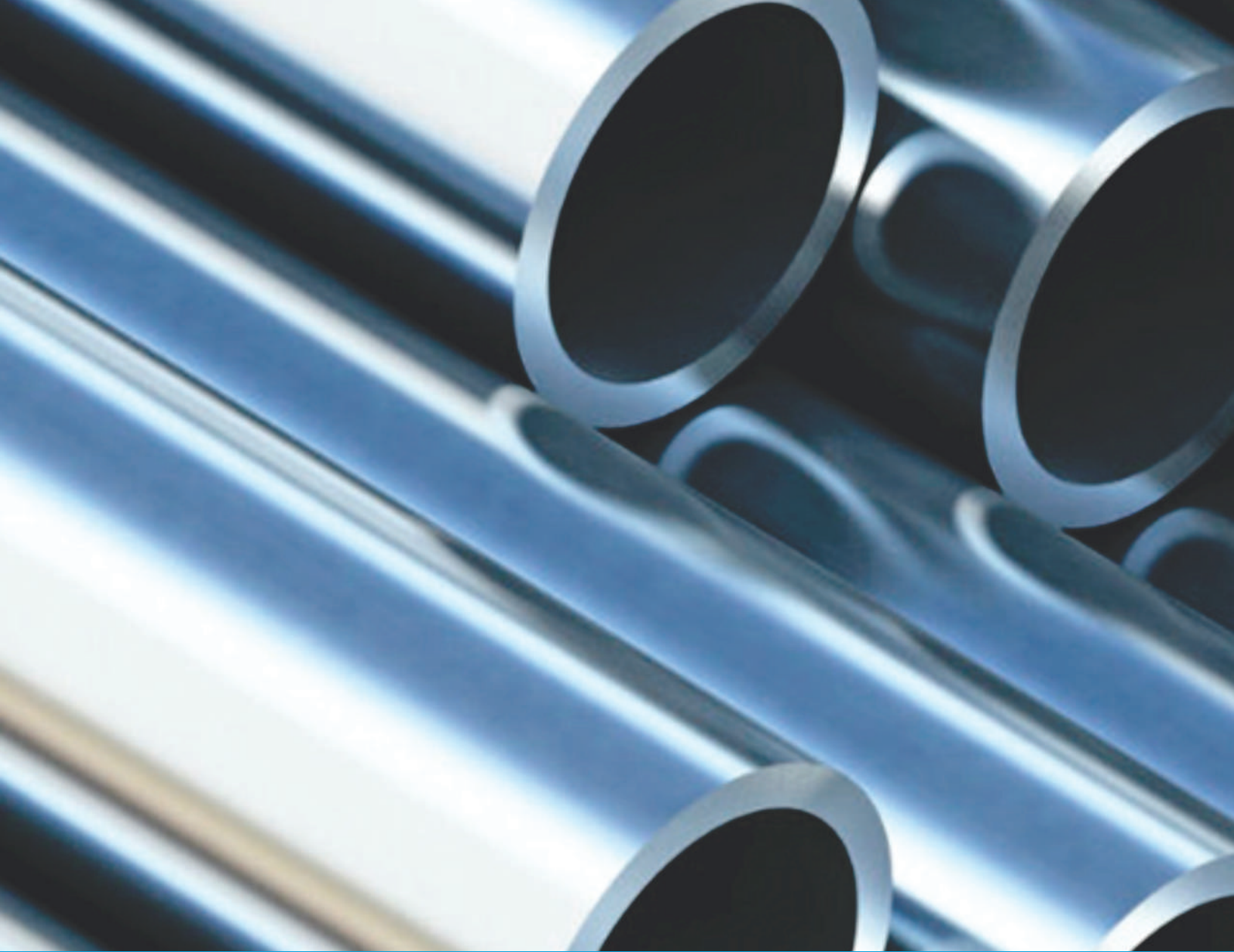
Outside Diameter	Wall thickness	Tube finish	PART NO.
1/4"	0.035"	Polished to bright	L20119-PB-COM
1/4"	0.049"	Polished to bright	L20129-PB-COM
1/4"	0.065"	Polished to bright	L20139-PB-COM
3/8"	0.035"	Polished to bright	L20229-PB-COM
3/8"	0.049"	Polished to bright	L20239-PB-COM
3/8"	0.065"	Polished to bright	L20249-PB-COM
1/2"	0.035"	Polished to bright	L20289-PB-COM
1/2"	0.049"	Polished to bright	L20299-PB-COM
1/2"	0.065"	Polished to bright	L20309-PB-COM
3/4"	0.035"	Polished to bright	L20334-PB-COM
3/4"	0.049"	Polished to bright	L20339-PB-COM
3/4"	0.065"	Polished to bright	L20459-PB-COM
1"	0.035"	Polished to bright	L20467-PB-COM
1"	0.049"	Polished to bright	L20469-PB-COM
1"	0.065"	Polished to bright	L20474-PB-COM

Outside Diameter	Wall thickness	Tube finish	PART NO.
1/4"	0.035"	Bright annealed	L20119-BA-COM
1/4"	0.049"	Bright annealed	L20129-BA-COM
1/4"	0.065"	Bright annealed	L20139-BA-COM
3/8"	0.035"	Bright annealed	L20229-BA-COM
3/8"	0.049"	Bright annealed	L20239-BA-COM
3/8"	0.065"	Bright annealed	L20249-BA-COM
1/2"	0.035"	Bright annealed	L20289-BA-COM
1/2"	0.049"	Bright annealed	L20299-BA-COM
1/2"	0.065"	Bright annealed	L20309-BA-COM
3/4"	0.035"	Bright annealed	L20334-BA-COM
3/4"	0.049"	Bright annealed	L20339-BA-COM
3/4"	0.065"	Bright annealed	L20459-BA-COM
1"	0.035"	Bright annealed	L20467-BA-COM
1"	0.049"	Bright annealed	L20469-BA-COM
1"	0.065"	Bright annealed	L20474-BA-COM

ASTM A269/A213 SEAMLESS STAINLESS STEEL TUBES, COILED, TP316SS, PLAIN ENDS

Outside Diameter	Wall thickness	Tube finish	PART NO.	MAX COIL LENGTH IN METERS
1/4"	0.035"	Bright annealed	L21150-BA-COM	739
1/4"	0.049"	Bright annealed	L21200-BA-COM	567
1/4"	0.065"	Bright annealed	L21250-BA-COM	463
3/8"	0.035"	Bright annealed	L21300-BA-COM	467
3/8"	0.049"	Bright annealed	L21350-BA-COM	349
3/8"	0.065"	Bright annealed	L21400-BA-COM	276
1/2"	0.035"	Bright annealed	L21450-BA-COM	342
1/2"	0.049"	Bright annealed	L21500-BA-COM	253
1/2"	0.065"	Bright annealed	L21550-BA-COM	197
3/4"	0.035"	Bright annealed	L21600-BA-COM	222
3/4"	0.049"	Bright annealed	L21650-BA-COM	163
3/4"	0.065"	Bright annealed	L21700-BA-COM	125
1"	0.035"	Bright annealed	L21750-BA-COM	165
1"	0.049"	Bright annealed	L21800-BA-COM	120
1"	0.065"	Bright annealed	L21850-BA-COM	92





APPLICATION OF STAINLESS TUBES

Oil & Gas Exploration
Petrochemicals and Refineries
Fertilizer Plants
Chemical Industries
Thermal, Nuclear and Solar
Plants Atomic Energy
Desalination Plants
Aerospace
Defence
Pharmaceutical
Food and Dairy
Automobile
Sugar
Paper Industries
Marine



COMFIT-USA

✉ SUPPORT@COMFIT-USA.COM

☎ +1 786-538-0405

📍 3750 NW 114TH AVENUE, UNIT # 3, DORAL, FL 33178

🌐 WWW.COMFIT-USA.COM