



**COMFIT-USA**

A DIVISION OF  **LamarUSA**  
INSTRUMENTATION & CONTROL



# STAINLESS STEEL TUBING

[www.comfit-usa.com](http://www.comfit-usa.com)



# 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-trai-ned 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**

# General Specification

## Grades:

**Standard TP-316, TP-316L, TP-304, TP-304L, UNS S31254, INS N08904/** Various grades as per European standards UNS S31803, S32205, S32750, S32760 (Other special lengths and materials are available.)

## Specification:

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

## Product Range:

Presentations:  
Coiled or Straight Tube (The straight tube standard is 20 feet in length.)

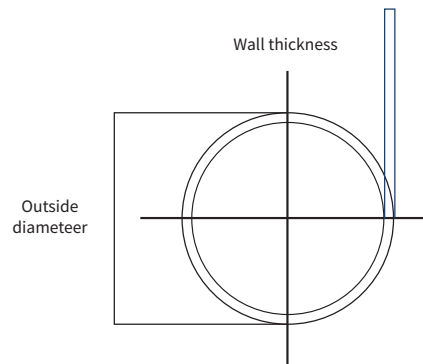
Outside diameter	3mm a 25.4mm
	1/8 a 3.2 inch
Wall thickness	0.5 mm a 3.2 mm
	0.02" a 0.120"

## Finish:

Annealed & pickled, polished to bright or BA (bright annealed)

## Sample chemical composition % (máx.) (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

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

# ORDERING GUIDE



## ASTM A269/A213 SEAMLESS STAINLESS STEEL TUBES, STANDARD 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	L30335-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	L30335-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

\*This table provides the standard parameters of our product.

## 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	L30334-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.	Standard coil length in feet
1/4"	0.035"	Bright annealed	L21150-BA-COM	2425
1/4"	0.049"	Bright annealed	L21200-BA-COM	1860
1/4"	0.065"	Bright annealed	L21250-BA-COM	1519
3/8"	0.035"	Bright annealed	L21300-BA-COM	1532
3/8"	0.049"	Bright annealed	L21350-BA-COM	1145
3/8"	0.065"	Bright annealed	L21400-BA-COM	906
1/2"	0.035"	Bright annealed	L21450-BA-COM	1122
1/2"	0.049"	Bright annealed	L21500-BA-COM	820
1/2"	0.065"	Bright annealed	L21550-BA-COM	646
3/4"	0.035"	Bright annealed	L21600-BA-COM	728
3/4"	0.049"	Bright annealed	L21650-BA-COM	535
3/4"	0.065"	Bright annealed	L21700-BA-COM	410
1"	0.035"	Bright annealed	L21750-BA-COM	541
1"	0.049"	Bright annealed	L21800-BA-COM	394
1"	0.065"	Bright annealed	L21850-BA-COM	302



## MAIN OFFICE

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\*Other lengths available. Please contact us for price and availability.

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