

A312

Stainless steel inox



TUBI SENZA SALDATURA | SEAMLESS PIPES

## INFORMAZIONI GENERALI / GENERAL INFORMATION

Grado/Grade		Composizione/Composition %							
Grade WP	C	Mn	P	S	Si	Ni	Cr	Mo	Others
TP304L	0.035	2.00	0.045	0.030	1.00	8.0-13.0	18.0-20.0		
TP316L	0.035	2.00	0.045	0.030	1.00	10.0-14.0	16.0-18.0	2.00-3.00	

## TOLLERANZE / TOLERANCES

Diametro/Diameter	Spessore/Thickness %	
10.3 < D ≤ 73 tutti i rapporti t/D	+20	-12.5
88.9 < D ≤ 457 con t/D ≤ 5%	+22.5	-12.5
88.9 < D ≤ 457 con t/D > 5%	+15.0	-12.5

Dove / Where

t = spessore nominale / nominal wallthickness

D = diametro esterno / ordered outside diameter

Grado di acciaio/Steel grade	Snervamento/Yield Strength min. ksi [MPa]	Rottura/Tensile Strength min. ksi [MPa]
TP304L/TP316L	25 [170]	70 [485]

Diametro esterno/Outside diameter mm		
10.3 < D ≤ 48.3	+0.4	-0.8
48.3 < D ≤ 114.3	+0.8	-0.8
114.3 < D ≤ 219.1	+1.6	-0.8
219.1 < D ≤ 457	+2.4	-0.8



**TUBI SENZA SALDATURA  
ASME B36.19 - ASTM A-312**

TP304L E TP316L SCH10S/SCH40S/SCH80S

**SEAMLESS PIPES  
ASME B36.19 - ASTM A-312**

TP304L AND TP316L SCH10S/SCH40S/SCH80S

D. INCH	D.E mm	SCH 10S		SCH 40S		SCH 80S	
		SP/THICK	KG/MTR	SP/THICK	KG/MTR	SP/THICK	KG/MTR
1/2"	21.34	2.11	1.00	2.77	1.26	3.73	1.62
3/4"	26.67	2.11	1.28	2.87	1.68	3.91	2.19
1"	33.40	2.77	2.08	3.38	2.50	4.55	3.23
1 1/4"	42.16	2.77	2.69	3.56	3.38	4.85	4.46
1 1/2"	48.26	2.77	3.11	3.68	4.05	5.08	5.40
2"	60.30	2.77	3.93	3.91	5.43	5.54	7.47
2 1/2"	73.03	3.05	5.25	5.16	8.62	7.01	11.40
3"	88.90	3.05	6.44	5.49	11.28	7.62	15.25
3 1/2"	101.60	3.05	7.39	5.74	13.56	8.08	18.62
4"	114.30	3.05	8.35	6.02	10.06	8.56	22.29
5"	141.30	3.40	11.56	6.55	21.76	9.52	30.92
6"	168.30	3.40	13.82	7.11	23.23	10.97	42.52
8"	219.10	3.76	19.94	8.18	42.49	12.70	64.57