

ISO Tube - nominal size (DN)

Welded Tube, Pickled, 6mtr
R/L's - Unannealed.

EN ISO 1127, EN10217-7
Test certificates according to EN
10204 3.1.

DN	O/D mm	wall thick mm	(BAR) working pressure T304/L (**see below)	weight kgs	AISI 304L	AISI 316L
15	21.3	2.0	211.40	1.00	*	*
20	26.9	2.0	163.86	1.28	*	*
25	33.7	2.0	128.71	1.59	*	*
32	42.4	2.0	100.99	2.02	*	*
40	48.3	2.0	88.12	2.32	*	*
50	60.3	2.0	69.98	2.92	*	*
65	76.1	2.0	55.06	3.71	*	*
80	88.9	2.0	46.95	4.35	*	*
100	114.3	2.0	36.33	5.63	*	*
125	139.7	2.0	29.63	6.8	*	*
150	168.3	2.0	24.53	8.33	*	*
200	219.1	2.0	18.79	10.87	*	*
200	219.1	3.0	28.32	16.23	*	*
250	273	2.0	15.06	13.57	*	*
250	273	3.0	22.67	20.28	*	*
300	323.9	2.0	12.67	16.12	*	*
300	323.9	3.0	19.07	24.1	*	*

Tolerance on Dimension EN ISO 1127				
Outside Diameter	Tolerance on O.D		Tolerance on thickness	
	Tolerance class	Allowed deviation	Tolerance class	Allowed deviation
D< 168.3mm	D3	plus/minus 0.75% min plus/minus 0.30mm	T3	plus/minus 10% min plus /minus 0.20mm
D>168.3m m	D2	plus/minus 1% min plus/minus 0.50mm		

* D4 tolerance on request

** ISO Tube according to EN10217-7 does NOT specify any pressure values, also because so many factors can effect working pressure.

** We cannot gaurantee the pressure values listed as they are for general information and to be used as a **guide only**.

** There is formula to get the working pressure of T304/L welded tubes at room temperature (this formula is merely indicative and do not involve so many variables) :

** Formul used:-
$$\frac{10.2 \times 200 \times \text{thickness}}{\text{Out.Diam} - \text{thickness}} = \text{bars}$$

** **IMPORTANT:**The working pressure values indicated are as a GUIDE only, and Neumo UK Ltd accept no liability to any loss or damage caused by using this information.