

STAINLESS STEEL TUBE TO DIN 11850

DUTY

This standard is valid for dimensions, inside and outside finish and marking of Seamless and Welded Tubes of Non- Oxidable Steel for pipeline systems in the Food Industry. It is effective in connection with DIN 17 456 for Seamless Tube and DIN 17 455 Welded Tube.

DIMENSIONS

Dimensions in mm and allowed tolerances of Tubes are drawn up below.

Nominal Diameter DN		10	15	20	25	32	40	50
Series 1	Outside Dia	12	18	22	28	34	40	52
	Allowed Tol.	+/-0.12			+/-0.15		+/-0.2	
	Wall Thickness				1			
	Allowed Tol.				+/-10%			
	Weight Kg/m (7.97 Kg/dm ³)	0.27	0.42	0.51	0.66	0.82	0.97	1.26

Nominal Diameter DN		65	80	100	125	150
Series 1	Outside Dia	70	85	104	129	154
	Allowed Tol.	+/-0.3			+/-0.4	
	Wall Thickness			2		
	Allowed Tol.			+/-10%		
	Weight Kg/m (7.97 Kg/dm ³)	3.43	4.16	5.03	6.36	7.49

Nominal Diameter DN		10	15	20	25	32	40	50
Series 2	Outside Dia.	13	19	23	29	35	41	53
	Allowed Tol.	+/-0.3				+/-10%		
	Wall Thickness				1.5			
	Allowed Tol.				+/-10%			
	Weight Kg/m (7.97 Kg/dm ³)	0.43	0.66	0.81	1.03	1.26	1.5	1.9

Allowable tolerances are determined by the circumference. Allowed ovality is +/-1% on the tube outside diameter.