HI-FOG®

Technical Data Sheet TA2100

Tubing

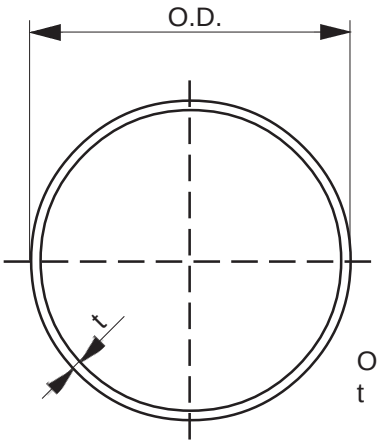
Stock codes A010xx (x: see below)

TA 27 Mar 2006

Stock code	Tube material* and type	O.D. [mm]	t [mm]	Mass (kg/m)	Length [mm]	Inside bead:
A01000	1.4404 EN 10217-7 welded tube	8,0	1,0	0,17	6000	max. 0,2 mm
A01005	1.4404 EN 10217-7 welded tube	12,0	1,2	0,32	5800	max. 0,2 mm
A01015	1.4404 EN 10217-7 welded tube	16,0	1,5	0,54	5800	max. 0,2 mm
A01020	1.4404 EN 10217-7 welded tube	20,0	2,0	0,89	6000	max. 0,2 mm
A01025	1.4404 EN 10217-7 welded tube	25,0	2,0	1,13	5800	max. 0,2 mm
A01030	1.4404 EN 10217-7 welded tube	30,0	2,5	1,69	5800	max. 0,2 mm
A01035	1.4404 EN 10217-7 welded tube	38,0	3,0	2,59	5800	max. 0,2 mm
A01060	1.4404 EN 10217-7 welded tube	60,3	3,91	5,45	5800	removed
A01080	1.4404 EN 10217-7 welded tube	76,1	5,0	8,94	12000	max. 0,5 mm

*) 1.4404 EN 10217-7 equivalent to AISI 316L

Max. working pressure:
200 bar for tube Ø 8 - 20 mm
140 bar for tube Ø 25 - 76,1 mm



O.D.= tube outer diameter Ø
t = wall thickness

Tube manufacturing specification	
Tolerance classes	EN 10217-7/EN ISO 1127: D4/T3, except for O.D. 60,3 and 76,1 mm D3/T3
Surface finishing	Outside bead removed by grinding. No weld undercut allowed. Roundness to be ensured.
Yield point	R_P 0,2 min. 250 N/mm^2
Heat treatment	Annealed
Hardness	HRB 72 - 82 / HV_1 130 - 160 for Ø ≤ 38
Product marking	“HI-FOG sprinkler system” & manufacturer’s markings (with charge number)
Testing	100% eddy current testing
Tube cleaning	Pickled or cleaned inside by other means. No loose particles allowed.
Delivery state	Cleaned inside, sealed at both ends
Material certificate	3.1 (EN 10204)
Packing	In wooden package

Design base	
Welding factor	V=1
Corrosion allowance	c_0 = 0
Bending allowance	According to EN 13480-3 or DNV Rules for ships, Part 4. R/D ≥ 2,5

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