



TUBE	SIZE		OD(SPECIFIED)		WALL THICKNESS (MM)	WEIGHT OF TUBE(Kg/Mtr)		PRESSURE BAR
	Inch	NB	MIN	MAX		PLAIN OR SCREWED ENDS	SCREWED AND SOCKETED	
TYPE- L	1/2"	15	21.0	21.7	2.3	1.080	1.090	50
	3/4"	20	26.4	27.1	2.3	1.400	1.410	50
	1"	25	33.2	34	2.9	2.200	2.220	50
	1.1/4"	32	41.9	42.7	2.9	2.820	2.850	50
	1.1/2"	40	47.8	48.6	3.9	3.250	3.290	50
	2"	50	59.6	60.7	3.2	4.510	4.580	50
	2.1/2"	65	75.2	76.0	3.2	5.750	5.870	50
	3"	80	87.9	88.7	3.2	6.760	6.930	50
	3 1/2"	90	100.3	101.2	3.6	8.700	8.880	50
	4"	100	113.0	113.9	3.6	9.830	10.100	50
TYPE -L1	1/2"	15	21.0	21.7	2.3	1.080	1.090	50
	3/4"	20	26.4	27.1	2.3	1.390	1.400	50
	1"	25	33.2	34.0	2.9	2.200	2.220	50
	1.1/4"	32	41.9	42.7	2.9	2.820	2.850	50
	1.1/2"	40	47.8	48.6	2.9	3.240	3.280	50
	2"	50	59.6	60.7	3.2	4.490	4.560	50
	2.1/2"	65	75.2	76.3	3.2	5.730	5.850	50
	3"	80	87.9	89.4	3.6	7.550	7.720	50
	4"	100	113.0	114.9	4.0	10.800	11.100	50
	TYPE -L2	1/2"	15	21.0	21.4	2.0	0.947	0.956
3/4"		20	26.4	26.9	2.3	1.380	1.390	50
1"		25	33.2	33.8	2.8	1.980	2.000	50
1.1/4"		32	41.9	42.5	2.6	2.540	2.570	50
1.1/2"		40	47.8	48.4	2.6	3.230	3.270	50
2"		50	59.6	60.2	2.9	4.080	4.150	50
2.1/2"		65	75.2	76.0	3.2	5.710	5.830	50
3"		80	87.9	88.7	3.2	6.720	6.890	50
MEDIUM	1/2"	15	21.1	21.8	2.6	1.210	1.220	50
	3/4"	20	26.5	27.3	2.6	1.560	1.570	50
	1"	25	33.3	34.2	3.2	2.410	2.430	50
	1.1/4"	32	42.0	42.9	3.2	3.100	3.130	50
	1.1/2"	40	47.9	48.8	3.2	3.560	3.600	50
	2"	50	59.7	60.8	3.6	5.030	5.100	50
	2.1/2"	65	75.3	76.6	3.6	6.420	6.540	50
	3"	80	88.0	89.5	4.0	8.360	8.530	50
	4"	100	113.1	115.0	4.5	12.200	12.500	50
HEAVY	1/2"	15	21.1	21.8	3.2	1.440	1.450	50
	3/4"	20	26.5	27.3	3.2	1.870	1.880	50
	1"	25	33.3	34.2	4.0	2.930	2.950	50
	1.1/4"	32	42.0	42.9	4.0	3.790	3.820	50
	1.1/2"	40	47.9	48.8	4.0	4.370	4.410	50
	2"	50	59.7	60.8	4.5	6.190	6.260	50
	2.1/2"	65	75.3	76.6	4.5	7.930	8.050	50
	3"	80	88.0	89.5	5.0	10.300	10.500	50
	4"	100	113.1	115.0	5.4	14.500	14.800	50
5"	125	138.5	140.8	5.4	17.900	18.400	50	

**TOLERANCES**

**1. OUTSIDE DIAMETER**

: As per above table

**2.STRAIGHTNESS**

: Straightness shall not exceed 0.002 l.

**3.MASS**

: ±7.5% on bundles of 10 ton or more, for M and H series and Type L.

: 10% -8% on individual tubes for Types L1 and L2.

**4.THICKNESS**

: As per standard.

**5.CHEMICAL COMPOSITION**

: %Max: C- 0.20%, mN - 1.40%, S-0.03% & P- 0.035%.

**6.MECHANICAL**

: UTS - 320 to 520 N/mm<sup>2</sup>, YS - 195 N/mm<sup>2</sup>, (minimum)& % EL- 20(minimum)

**7.COLOR CODE**

: For TYPE L --- GREEN

: For TYPE L1 --- WHITE

: For TYPE L2 --- BROWN

: For MEDIUM --- BLUE

:FOR HEAVY--- RED