

# Air & Water Applications

EN 10255~BS1387

TECHNICAL DATA OF TUBES AS PER BS : 1387 / 1985  
(Designated as BS EN 10255 : 2004)

	Nominal Size (DN)	Designation of Thread (Inch)	Outside (Max.)	Diameter (Min.)	Thickness (mm)	Mass of Black Tube (kg/mtr)		Socket (Min.) (Max.)	
						Plain End Socketed	Screwed & End	OD (mm)	Length (mm)
LIGHT	15	½	21.4	21.0	2.0	0.947	0.956	27.0	37.0
	20	¾	26.9	26.4	2.3	1.380	1.390	32.5	39.0
	25	1	33.8	33.2	2.6	1.980	2.000	39.5	46.0
	32	1 ¼	42.5	41.9	2.6	2.540	2.570	49.0	51.0
	40	1 ½	48.4	47.8	2.9	3.230	3.270	56.0	51.0
	50	2	60.2	59.6	2.9	4.080	4.150	68.0	60.0
	65	2 ½	76.0	75.2	3.2	5.710	5.830	84.0	69.0
	80	3	88.7	87.9	3.2	6.720	6.890	98.0	75.0
	100	4	113.9	113.0	3.6	9.750	10.000	124.0	87.0
MEDIUM	15	½	21.8	21.0	2.6	1.210	1.220	27.0	37.0
	20	¾	27.3	26.5	2.6	1.560	1.570	32.5	39.0
	25	1	34.2	33.3	3.2	2.410	2.430	39.5	46.0
	32	1 ¼	42.9	42.0	3.2	3.100	3.130	49.0	51.0
	40	1 ½	48.8	47.9	3.2	3.560	3.600	56.0	51.0
	50	2	60.8	59.7	3.6	5.030	5.100	68.0	60.0
	65	2 ½	76.6	75.3	3.6	6.420	6.540	84.0	69.0
	80	3	89.5	88.0	4.0	8.360	8.530	98.0	75.0
	100	4	115.0	113.1	4.5	12.200	12.500	124.0	87.0
	125	5	140.8	138.5	5.0	16.600	17.100	151.0	96.0
	150	6	166.5	163.9	5.0	19.800	20.400	178.0	96.0
HEAVY	15	½	21.8	21.0	3.2	1.440	1.450	27.0	37.0
	20	¾	27.3	26.5	3.2	1.870	1.880	32.5	39.0
	25	1	34.2	33.3	4.0	2.930	2.950	39.5	46.0
	32	1 ¼	42.9	42.0	4.0	3.790	3.820	49.0	51.0
	40	1 ½	48.8	47.9	4.0	4.370	4.410	56.0	51.0
	50	2	60.8	59.7	4.5	6.190	6.260	68.0	60.0
	65	2 ½	76.6	75.3	4.5	7.930	8.050	84.0	69.0
	80	3	89.5	88.0	5.0	10.300	10.500	98.0	75.0
	100	4	115.0	113.1	5.4	14.500	14.800	124.0	87.0
	125	5	140.8	138.5	5.4	17.900	18.400	151.0	96.0
	150	6	166.5	163.9	5.4	21.300	21.900	178.0	96.0

### Tolerances:

**Length** : 6 Mtrs ± 0.05 Mtrs

**Thickness** : ± 10% for Medium, Heavy & - 8% for Light

**Weight** : Single Tube - Light - 8%, + 10% & Medium and Heavy ± 10%

± 7.5% on bundles of 10 MT or more for Medium, Heavy & Light Series

**Note:** This IS-1239 is also used for Firefighting Applications