

# AS1074

## BLACK AND HOT DIP GALVANIZED STEEL PIPES

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	
LIGHT	1/2"	15	21.0	21.4	2.0	0.947	0.956	50
	3/4"	20	26.4	26.9	2.3	1.380	1.390	50
	1"	25	33.2	33.8	2.6	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	2.9	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
	4"	100	113.0	113.9	3.6	9.750	10.000	50
MEDIUM	1/2"	15	21.1	21.7	2.6	1.210	1.220	50
	3/4"	20	26.6	27.2	2.6	1.560	1.570	50
	1"	25	33.4	34.2	3.2	2.410	2.430	50
	1.1/4"	32	42.1	42.9	3.2	3.100	3.130	50
	1.1/2"	40	48.0	48.8	3.2	3.570	3.610	50
	2"	50	59.8	60.8	3.6	5.030	5.100	50
	2.1/2"	65	75.4	76.6	3.6	6.430	6.550	50
	3"	80	88.1	89.5	4.0	8.370	8.540	50
	4"	100	113.3	114.9	4.5	12.200	12.500	50
	5"	125	138.7	140.6	5.0	16.600	17.100	50
HEAVY	1/2"	15	21.1	21.7	3.2	1.440	1.450	50
	3/4"	20	26.6	27.2	3.2	1.870	1.880	50
	1"	25	33.4	34.2	4.0	2.940	2.960	50
	1.1/4"	32	42.1	42.9	4.0	3.800	3.830	50
	1.1/2"	40	48.0	48.8	4.0	4.380	4.420	50
	2"	50	59.8	60.8	4.5	6.190	6.260	50
	2.1/2"	65	75.4	76.6	4.5	7.930	8.050	50
	3"	80	88.1	89.5	5.0	10.300	10.500	50
	4"	100	113.3	114.9	5.4	14.500	14.800	50
	5"	125	138.7	140.6	5.4	17.900	18.400	50

**TOLERANCES**

**1. OUTSIDE DIAMETER**

: As per above table

**2. STRAIGHTNESS**

: 0.2% of the length

**3. MASS**

: For quantities of 150Mtr. and over of one size = ±4%, for single tube = +10%, -8%.

**4. THICKNESS**

: As per standard

**5. CHEMICAL COMPOSITION**

: %Max: S - 0.045% & P - 0.045%, CE - 0.40%.

**6. MECHANICAL**

: UTS - 320 to 460 N/mm<sup>2</sup>, YS - 195 N/mm<sup>2</sup>, (minimum) & % EL - 20(minimum)

**7. COLOR CODE**

: For Light--- Brown

: For Medium---Blue

: For Heavy---Red