

SIMBA

GI PIPES & FITTINGS

SIMBA GI Pipes and fittings supplied by Multiple Industries are synonymous with excellence in quality. The GI Pipes are manufactured to the British Standard BS 1387 and available in both Medium Gauge (Class B) and Heavy Gauge (Class C) in sizes 1/2" to 6".



The product features include:

- Higher durability and longevity
- Superior finish and anti-rust coating
- Weld consistency and integrity
- Greater resistance to corrosion
- Amenable to rigorous fabrication
- Superior bendability, ease of cutting and threading

DIMENSIONS & RANGE OF GI PIPES - BS 1387

GAUGE/ CLASS	SIZE		Wall thickness mm	Outside Diameter		Weight of Galvanized Pipe Screwed & Socketed Kg./Mtr.
	INCH	NB (mm)		Minimum mm	Maximum mm	
LIGHT CLASS "A"	1/2"	15	2.0	21.0	21.4	0.956
	3/4"	20	2.3	26.4	26.9	1.39
	1"	25	2.6	33.2	33.8	2.00
	1 1/4"	32	2.6	41.9	42.5	2.57
	1 1/2"	40	2.9	47.8	48.4	3.27
	2"	50	2.9	59.6	60.2	4.15
	2 1/2"	65	3.2	75.2	76	5.83
	3"	80	3.2	87.9	88.7	6.89
MEDIUM CLASS "B"	4"	100	3.6	113	113.9	10.0
	1/2"	15	2.6	21.1	21.7	1.22
	3/4"	20	2.6	26.6	27.2	1.57
	1"	25	3.2	33.4	34.2	2.43
	1 1/4"	32	3.2	42.1	42.9	3.13
	1 1/2"	40	3.2	48	48.8	3.61
	2"	50	3.6	59.8	60.8	5.10
	2 1/2"	65	3.6	75.4	76.6	6.55
	3"	80	4.0	88.1	89.5	8.54
	4"	100	4.5	113.3	114.9	12.5
HEAVY CLASS "C"	5"	125	5.0	138.7	140.6	17.1
	6"	150	5.0	164.1	166.1	20.3
	1/2"	15	3.2	21.1	21.7	1.45
	3/4"	20	3.2	26.6	27.2	1.88
	1"	25	4.0	33.4	34.2	2.96
	1 1/4"	32	4.0	42.1	42.9	3.33
	1 1/2"	40	4.0	48	48.8	4.42
	2"	50	4.5	59.8	60.8	6.26
	2 1/2"	65	4.5	75.4	76.6	8.05
	3"	80	5.0	88.1	89.9	10.5
4"	100	5.4	113.3	114.9	14.8	
5"	125	5.4	138.7	140.6	18.4	
6"	150	5.4	164.1	166.1	21.9	



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SIMBA GI PIPES & FITTINGS

DIMENSIONS & RANGE OF GI FITTINGS



GI Elbows



GI Nipple



GI Bends



GI Socket



GI Reducing Socket



GI Union



GI Reducing Nipple



GI Socket Nipple



GI Tees



GI Reducing Tees



GI Reducing Bush



GI Plugs



GI Long Screws



GI Black Nuts



GI Overjump



GI Threaded Flange

Physical Properties

1. Mechanical Properties

Tensile Strength $> = 33 \text{ kg/mm}^2$
 Elongation $> = 8\%$
 Hardness $< \text{HB150}$

2. Hydraulic Test

Test Pressure: 25 kg/cm^2
 Working Pressure: 16 kg/cm^2