

# Steel Pipes

SHIELD Steel pipe is strong, tough and durable. Steel pipe have good excellent corrosion resistance and smooth finishing characteristics. Steel tubes are widely used in industrial and domestic applications.



## Product Specifications:

Type	ERW
Standard	BS 1387:1985 (EN 10255)
Ends	Plain, Grooved, Threaded, Beveled
Finishing	Galvanized, Black
Application	Fire-Fighting, Water, HVAC

# Steel Pipes

## Product Dimensions:

C l a s s	Nominal Bore		Outside Diameter				Wall Thickness		Weight of Black Pipes						Weight of Galvanized Pipes (Calculated)						No. of pipes packed per standard bundle (1 Tonne Approx.)
			Maximum		Minimum				Plain Ended			Screwed & Socketed			Plain Ended			Screwed & Socketed			
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Kg/m	m/ton	ft/ton	kg/m	m/ton	ft/ton	Kg/m	m/ton	ft/ton	kg/m	m/ton	ft/ton	
L I G H T (A)	½	15	0.843	21.4	0.827	21.0	0.079	2.00	0.947	1056	3465	0.956	1046	3432	1.000	1000	3281	1.009	991	3251	160
	¾	20	1.059	26.9	1.039	26.4	0.091	2.30	1.380	725	2379	1.390	719	2359	1.440	694	2277	1.460	690	2264	110
	1	25	1.331	33.8	1.307	33.2	0.102	2.60	1.980	505	1657	2.000	500	1640	2.060	485	1591	2.090	478	1568	80
	1¼	32	1.673	42.5	1.650	41.9	0.102	2.60	2.540	394	1293	2.570	389	1276	2.640	379	1243	2.680	373	1224	61
	1½	40	1.906	48.4	1.882	47.8	0.114	2.90	3.230	310	1017	3.270	306	1004	3.350	298	978	3.400	294	965	51
	2	50	2.370	60.2	2.346	59.6	0.114	2.90	4.080	245	804	4.150	241	791	4.220	237	778	4.300	233	764	37
	2½	65	2.991	76.6	2.961	75.2	0.124	3.20	5.710	175	574	5.830	172	564	5.890	170	558	6.020	166	545	27
	3	80	3.492	88.7	3.461	87.9	0.124	3.20	6.720	149	489	6.890	145	476	6.930	144	472	7.100	141	463	24
	4	100	4.484	113.9	4.449	113.0	0.142	3.60	9.750	103	338	10.000	100	328	10.030	100	328	10.280	97	318	16
M E D I U M (B)	½	15	0.854	21.7	0.831	21.1	0.102	2.60	1.210	826	2710	1.220	820	2690	1.250	794	2605	1.260	787	2582	130
	¾	20	1.071	27.2	1.047	26.6	0.102	2.60	1.560	641	2103	1.570	637	2090	1.620	617	2024	1.640	610	2001	100
	1	25	1.346	34.2	1.315	33.4	0.124	3.20	2.410	415	1362	2.430	412	1352	2.490	402	1319	2.510	398	1306	65
	1¼	32	1.689	42.9	1.657	42.1	0.124	3.20	3.100	323	1060	3.130	319	1047	3.200	312	1024	3.230	310	1017	51
	1½	40	1.921	48.8	1.890	48.0	0.124	3.20	3.570	280	919	3.610	277	909	3.680	272	892	3.720	269	883	44
	2	50	2.394	60.8	2.354	59.8	0.142	3.60	5.030	199	653	5.100	196	643	5.170	193	633	5.250	190	623	30
	2½	65	3.016	76.6	2.969	75.4	0.142	3.60	6.430	156	512	6.550	153	502	6.610	151	495	6.730	149	489	24
	3	80	3.524	89.5	3.469	88.1	0.157	4.00	8.370	119	390	8.540	117	384	8.580	117	384	8.760	114	374	19
	4	100	4.524	114.9	4.461	113.3	0.177	4.50	12.200	82	269	12.500	80	262	12.480	80	260	12.690	79	259	14
H E A V Y (C)	½	15	0.854	21.7	0.831	21.1	0.124	3.20	1.440	694	2277	1.450	690	2264	1.490	671	2202	1.500	667	2188	110
	¾	20	1.071	27.2	1.047	26.6	0.124	3.20	1.870	535	1755	1.880	532	1745	1.930	518	1700	1.950	513	1683	80
	1	25	1.346	34.2	1.315	33.4	0.157	4.00	2.940	340	1115	2.960	338	1109	3.010	332	1089	3.040	329	1079	55
	1¼	32	1.689	42.9	1.657	42.1	0.157	4.00	3.800	263	863	3.830	261	856	3.900	256	840	3.930	254	833	44
	1½	40	1.921	48.8	1.890	48.0	0.157	4.00	4.380	228	748	4.420	226	741	4.490	223	732	4.530	221	725	37
	2	50	2.394	60.8	2.354	59.8	0.177	4.50	6.190	162	531	6.260	160	525	6.330	158	518	6.400	156	512	27
	2½	65	3.016	76.6	2.969	75.4	0.177	4.50	7.930	126	413	8.050	124	407	8.110	123	404	8.230	121	397	20
	3	80	3.524	89.5	3.469	88.1	0.197	5.00	10.300	97	318	10.500	95	312	10.510	95	312	10.710	93	307	16
	4	100	4.524	114.9	4.461	113.3	0.213	5.40	14.500	69	226	14.800	68	223	14.770	68	223	15.070	67	220	12
5	125	5.535	140.6	5.461	138.7	0.213	5.40	17.900	56	184	18.400	54	177	18.210	55	180	18.730	53	174	10	
6	150	6.539	166.1	6.461	164.1	0.213	5.40	21.300	47	154	21.900	46	151	21.700	46	151	22.300	45	148	7	

Tolerances:  
 THICKNESS: Light Tube -8%, Medium and Heavy Tubes -10%.  
 WEIGHT: Single Tube +10% -8%, Quantity - 150 metres and above of one size & class ±4%.  
 LENGTH: 6 metres ±0.05 metres

# Steel Pipes

## Miscellaneous Data:

### 1. Ordering Information

Example: Steel Pipe-1-1-1-4

- Steel Pipe is the part number
- (1) ERW
- (1) G.I. (2) Black
- (1) Plain (2) Grooved (3) Threaded (4) Beveled
- (4) Size

### 2. Contact Information

For further information on any aspect of the SHIELD Steel products please contact below:

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