

BRITISH STANDARD STEEL CONDUIT

Galvanized Inside and Outside by pre-galvanized process

MARUICHI

BS 31

PREZINC "IMPERIAL SIZE" STEEL CONDUIT

CLASS B (Screwed)

© Screwed and Socketed to B.S. 31 : 1940

Size	Outside Diameter				Wall Thickness				Calculated weight with Coupler			Number of Pieces in Standard Packing	
	Nominal		Minimum		Nominal		Minimum		lb./ft	kg./ft	kg/m	per Bundle	per Lift
in.	in.	mm	in.	mm	in.	mm	in.	mm					
3/4	3/4	19.05	0.7387	18.76	0.064	1.63	0.060	1.52	0.479	0.217	0.713	10	300
1	1	25.40	0.9887	25.11	0.064	1.63	0.060	1.52	0.653	0.296	0.972	10	200
1 1/4	1 1/4	31.75	1.2387	31.46	0.064	1.63	0.060	1.52	0.830	0.376	1.24	7	175
1 1/2	1 1/2	38.10	1.4880	37.80	0.072	1.83	0.068	1.73	1.13	0.511	1.68	5	125
2	2	50.80	1.9880	50.50	0.080	2.03	0.076	1.93	1.69	0.765	2.51	3	60

Standard Length: 12ft. — 6in. (3,810mm) without coupler. 10ft. (3,048mm) length also available.

- FEATURES :**
- Made of hot-dip galvanized steel strip with extra-smooth surface and highly-adherent zinc coating by the unique tube-making process tradenamed **PREZINC**®. The weld zone zinc coating restored in-line.
 - Zinc surfaces protected inside and outside by film of resin-base overcoating.
 - Inside weld bead controlled to a minimum for easier wire pulling.
 - Screwed on both ends to BS 31 and fitted with a zinc-coated coupler on one end.
 - Packed in bare bundles, but the unsocketed ends protected with plastic caps. Bundle ends wrapped with woven plastic cloth for further protection.
 - Easier to cut, easier to thread, easier to bend, easier to pull. Dimensionally accurate. Uniform quality in every respect.

BS 4568

PREZINC "METRIC SIZE" STEEL CONDUIT

HEAVY GAUGE (Screwed)

© Made in Accordance with Amendment No.1 to B.S. 4568 : Part 1 : 1970

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Size	Outside Diameter				Wall Thickness and plus or minus		Calculated Weight with Coupler			Number of Pieces in Standard Packing	
	Minimum		Maximum		mm	in.	lb./ft	kg./ft	kg/m	per Bundle	per Lift
mm	mm	in.	mm	in.	mm	in.					
20	19.7	0.776	20.0	0.787	1.6±0.15	0.063±0.006	0.500	0.226	0.744	10	250
25	24.6	0.969	25.0	0.984	1.6±0.15	0.063±0.006	0.638	0.289	0.950	10	200
32	31.6	1.244	32.0	1.260	1.6±0.15	0.063±0.006	0.833	0.378	1.24	7	140

Standard Length: 3,750mm without coupler.

- FEATURES :**
- Made of hot-dip galvanized steel strip with extra-smooth surface and highly-adherent zinc coating by the unique tube-making process tradenamed **PREZINC**®. The weld zone zinc coating restored in-line.
 - Zinc surfaces protected inside and outside by film of resin-base overcoating.
 - Inside weld bead controlled to a minimum for easier wire pulling.
 - Screwed on both ends to BS 4568 and fitted with a zinc-coated coupler on one end.
 - Packed in bare bundles, but the unsocketed ends protected with plastic caps. Bundle ends wrapped with woven plastic cloth for further protection.
 - Easier to cut, easier to thread, easier to bend, easier to pull. Dimensionally accurate. Uniform quality in every respect.

NOTE : Hot-dip galvanized Maruichi Conduit to BS 4568 specification, complying with its Class4 "Heavy protection both inside and outside" requirement, is also available in 3,700mm length. If so required on contract, please consult us.

THE PREZINC STORY

PREZINC® is Maruichi's trademark for its "pre-galvanized" tube-making process.

This unique process begins with careful selection of hot-rolled or cold-rolled mild steel strip with superior bending and forming properties.

The coil strip is continuously hot-dip galvanized. Moments after coming out of the molten zinc bath, the galvanized strip runs through the gas-wiping and special-treating operations. The result is pre-galvanized steel strip with smoothest-surface zinc coating that hardly flakes off in forming or bending operation... an ideal material for conduit-making.

The coil strip is now slit into the exact width needed for the desired

tube diameter and recoiled; then it is fed into the tube-making mill to be formed into tubular shape and welded at the seam.

Our technological knowhow allows rigid control of weld bead at a minimum, but the outside bead is scarfed. The zinc coating in the weld zone which is removed by the scarfing is restored in-line by metallizing, which is to blow a jet of molten zinc onto that area.

Thus completed galvanized tube is now ready for further processing on the automated finishing line, where it is reamed, threaded, marked, baked overcoated, socketed and bundled, to emerge as Maruichi

PREZINC® Conduit ready for export.

Note : Information contained in this brochure is subject to change without notice.