



A Product of Southern Steel Pipe Sdn. Bhd.

THE COLOURED GALVANISED STEEL CONDUIT TUBE

Smartube, Your Smarter Choice!



LEADING THE STEEL PIPE INDUSTRY



A member of the Southern Steel Group of Companies, a leading steel mill in the region, SOUTHERN STEEL PIPE SDN.BHD. can trace its roots back to 1967 with the establishment of its parent company Southern Pipe Industry (Malaysia) Sdn. Bhd. which was founded as a joint-venture between Malaysia and Japan.

Today, the pipe group consists of two steel pipe factories in Malaysia, with a combine annual sales revenue of over USD100 million and an annual capacity that exceeds 200,000mt.

The many certifications garnered through the years are testament to the companies' steadfast commitment in providing only the best products & services. Among others, it has the distinction of being the first steel mill in the country to be awarded the ISO 9001:2000 certification. The group's product lines were being exported to countries all over the world.



ISO 9001:2000 Certificate from Bureau Veritas



ISO 9001:2000 Certificate from SIRIM QAS



EMT Certificate from UL

CERTIFICATES



IMC Certificate from UL



EMT Certificate from UL for Canada



EMT Certificate from UL



IMC Certificate from UL



BS 31:1940 Certificate from SIRIM QAS



BS 31:1940 Certificate from SIRIM QAS

SMARTUBE CONDUIT

(In-line hot-dip galvanized conduit)

Utilising the latest, state-of-the-art in-line hot-dip galvanizing process, Smartube offer top notch galvanised and coloured finishes. Smartube is easy to bend simultaneously providing a smooth wire-pulling feature.

FEATURES

(1) Easy wire pushing and pulling

The slip coat on the inside wall makes wire-pulling easy, and protects against damages.

(2) Advantages of colour conduits

- Saves time
- High quality finishing
- Save cost

CROSS-SECTIONAL VIEW OF SMARTUBE CONDUIT

- Protective polymer coat (red, orange, white colours, and clear are available)

- In-line hot-dip galvanized coating

- Steel

- Slip coat



COLOURS



SMARTUBE RED

- Fire alarm & security system



SMARTUBE ORANGE

- Lighting & fibre optic system
- General system for machineries



SMARTUBE WHITE

- Blends well in light coloured areas
- PA System & IT System



SMARTUBE CLEAR

- Standard for conventional applications

STANDARD & SPECIFICATIONS

Smartube conduit is manufactured conforming to the following standards:

- UL 797 (EMT)
- UL 1242 (IMC)
- BS 31
- BS 4568

EMT - ELECTRICAL METALLIC TUBING

UL LISTED FILE NO. E313230



Trade Size Designator		Nominal Outside Diameter		Nominal Wall Thickness		Unit Length		Nominal Weight	Nominal Wt. Per 100 Ft. (30.5M)		Quantity In	
											Primary Bundle	Master Bundle
in.	mm	in.	mm	in.	mm	m	ft	kg/pc	lb.	kg.	Pcs	Pcs
1/2	16	0.706	17.9	0.042	1.07	3.050	10	1.46	32.19	14.60	10	700
3/4	21	0.922	23.4	0.049	1.25	3.050	10	2.21	48.72	22.10	10	500
1	27	1.163	29.5	0.057	1.45	3.050	10	3.08	67.90	30.80	10	300
1-1/4	35	1.510	38.4	0.065	1.65	3.050	10	4.74	104.50	47.40	5	200
1-1/2	41	1.740	44.2	0.065	1.65	3.050	10	5.49	121.03	54.90	5	150
2	53	2.197	55.8	0.065	1.65	3.050	10	6.99	154.10	69.90	3	120
2-1/2	63	2.875	73.0	0.072	1.83	3.050	10	10.16	223.99	101.60	-	61

Remarks: Trade size 1-1/2" (41mm) through 2-1/2" (63mm) pending UL approval.

IMC - INTERMEDIATE METAL CONDUIT

UL LISTED FILE NO. E255245



Trade Size Designator		Nominal Outside Diameter		Minimum Wall Thickness		Length Without Coupling		Nominal Weight	Nominal Wt. Per 100 Ft. (30.5M)		Quantity In	
											Primary Bundle	Master Bundle
in.	mm	in.	mm	in.	mm	m	ft and in.	kg/pc	lb.	kg.	Pcs	Pcs
1/2	16	0.815	20.7	0.070	1.79	3.030	9 11-1/4	2.81	62.00	28.10	10	350
3/4	21	1.029	26.1	0.075	1.90	3.030	9 11-1/4	3.81	84.00	38.10	10	250
1	27	1.290	32.8	0.085	2.16	3.025	9 11	5.40	119.00	54.00	10	170
1-1/4	35	1.638	41.6	0.085	2.16	3.025	9 11	7.17	158.00	71.70	5	135
1-1/2	41	1.883	47.8	0.090	2.29	3.025	9 11	8.80	194.00	88.00	5	110
2	53	2.360	59.9	0.095	2.41	3.025	9 11	11.61	256.00	116.10	5	80
2-1/2	63	2.857	72.6	0.140	3.56	3.010	9 10-1/2	20.00	441.00	200.00	-	37
3	78	3.476	88.3	0.140	3.56	3.010	9 10-1/2	24.63	543.00	246.30	-	30
3-1/2	91	3.971	100.9	0.140	3.56	3.005	9 10-1/4	28.53	629.00	285.30	-	24
4	103	4.466	113.4	0.140	3.56	3.005	9 10-1/4	31.75	700.00	317.50	-	24

BS31: 1940 THREADED CONDUIT HEAVY GAUGE CLASS B

Trade Size Designator		Nominal Outside Diameter		Nominal Wall Thickness		Unit Length	Nominal Weight			Quantity In	
										Primary Bundle	Master Bundle
in.	mm	in.	mm	in.	mm	m	kg/pc	kg/m	kg/ft	Pcs	Pcs
¾	19	0.745	18.9	0.063	1.6	3.05	2.14	0.70	0.21	10	50
						3.81	2.67				
1	25	0.993	25.2	0.063	1.6	3.05	2.90	0.95	0.29	10	50
						3.81	3.62				
1-1/4	32	1.245	31.6	0.063	1.6	3.05	3.66	1.20	0.37	5	25
						3.81	4.57				
1-1/2	38	1.493	37.9	0.071	1.8	3.05	5.00	1.64	0.50	5	25
						3.81	6.25				
2	50	1.992	50.6	0.080	2.0	3.05	7.44	2.44	0.74	3	15
						3.81	9.30				

BS 4568: PART 1:1970 THREADED CONDUIT HEAVY GAUGE

Trade Size Designator	Nominal Outside Diameter	Nominal Wall Thickness	Unit Length	Nominal Weight			Quantity In	
							Primary Bundle	Master Bundle
mm	mm	mm	m	kg/pc	kg/m	kg/ft	Bundle (Pcs)	Bundle (Pcs)
20	19.85	1.6	3.00	2.14	0.713	0.217	10	50
			3.75	2.67				
			3.81	2.72				
25	24.80	1.6	3.00	2.71	0.903	0.275	10	50
			3.75	3.39				
			3.81	3.44				
32	31.80	1.6	3.00	3.56	1.185	0.361	5	25
			3.75	4.44				
			3.81	4.51				

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Southern Steel

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