



International Tube & Conduit Company Ltd.



BRITISH STANDARD STEEL CONDUITS & FITTINGS





VISION STATEMENT

We strive to exceed our customers’ expectations through leading edge technologies and managerial advanced production solutions. ITCC is committed to adding value, achieving trust, creativity and innovation in providing galvanized and coated steel tubes.

ITCC is a major manufacturer of Steel Conduits, Steel Tubes, Scaffolding and Construction Props, as well as fence materials.

It operates a state-of-the-art manufacturing and assembly facility located in King Abdullah Economic City.

ITCC also uses the latest technologies to produce defect-free and high quality products and services meeting the needs of customers across different segments.

COMPANY PROFILE

ITCC produces the following ranges of products:

- Electrical conduits: EMT, IMC, RMC, BS31, BS4568, FC & Fittings.
- Tubes and hollow sections: round, square and rectangular.
- Fence materials: chain link, barbed wire and concertina (Galvanized & PVC coated).
- Scaffolding and construction props.
- Steel fabrication.
- Green houses & handrails.



BS 4568 : PART I : 1970 / CLASS 4, BS EN 50086 2-1: 1996, IEC606 14-2-1: 1982

THREADED CONDUIT

- Heavy corrosion protection by Hot-Dip Galvanizing on the exterior and interior surface of the conduit.
- Threaded on both ends. One end fitted with coupling and the other protected by plastic end cap.
- Hot-Dipped Galvanized to BS EN ISO 1461 which supersedes BS 729.
- Metric size threading.
- Offer all kinds of packing.

Item Code	Nominal Size	Outside Diameter	Wall Thickness	Length	Calculated Weight
	mm	mm	mm	mm	Kg/pc
C-BS4175	20	19.85	1.6	3750	2.70
C-BS4110	25	24.8	1.6	3750	3.40
C-BS4112	32	31.8	1.6	3750	4.45

BS 4568: PART I: 1970 / CLASS 3, BS EN 50086 2-1:

1996 THREADED CONDUIT

- Heavy corrosion protection by Hot-Dip Galvanizing on the exterior and medium corrosion protection by applying an organic coat on the interior surface of the conduit.
- Threaded on both ends. One end fitted with coupling and the other protected by plastic end cap.
- Metric size threading.
- Offer all kinds of packing.



Item Code	Nominal Size	Outside Diameter	Wall Thickness	Length	Calculated Weight
	mm	mm	mm	mm	Kg/pc
C-BS4075	20	19.85	1.6	3750	2.70
C-BS4010	25	24.8	1.6	3750	3.40
C-BS4012	32	31.8	1.6	3750	4.45

*** Other lengths are available upon request

BS 31 : CLASS 4

- Heavy corrosion protection by Hot-Dip Galvanizing on the exterior and interior surface of the conduit.
- Threaded on both ends. One end fitted with coupling and the other protected by plastic end cap.
- Hot-Dipped Galvanized to BS 31.
- Threading to BS 31.
- Offer all kinds of packing.

Item Code	Nominal Size	Outside Diameter	Wall Thickness	Length	Calculated Weight
	inch	mm	mm	mm	Kg/pc
C-BS3175	¾	19.05	1.63	3000	2.13
C-BS3110	1	25.40	1.63	3000	2.91
C-BS3111	1¼	31.75	1.63	3000	3.69
C-BS3112	1½	38.10	1.83	3000	5.00
C-BS3120	2	50.80	2.03	3000	7.44



BS 31 : CLASS 3

- Heavy corrosion protection by Hot-Dip Galvanizing on the exterior and medium corrosion protection by applying an organic coat on the interior surface of the conduit.
- Threaded on both ends. One end fitted with coupling and the other protected by plastic end cap.
- Threading to BS 31.
- Offer all kinds of packing.

Item Code	Nominal Size	Outside Diameter	Wall Thickness	Length	Calculated Weight
	inch	mm	mm	mm	Kg/pc
C-BS3075	¾	19.05	1.63	3000	2.13
C-BS3010	1	25.40	1.63	3000	2.91
C-BS3011	1¼	31.75	1.63	3000	3.69
C-BS3012	1½	38.10	1.83	3000	5.00
C-BS3020	2	50.80	2.03	3000	7.44

*** Other lengths are available upon request

BOXES - CIRCULAR, SMALL & LARGE

TERMINAL



ITEM CODE	SIZE
B-BC0120	20 mm
B-BC0125	25 mm
B-BC0132	32 mm

ANGLE



ITEM CODE	SIZE
B-BC0220	20 mm
B-BC0225	25 mm
B-BC0232	32 mm

THROUGH



ITEM CODE	SIZE
B-BC0320	20 mm
B-BC0325	25 mm
B-BC0332	32 mm

TEE



ITEM CODE	SIZE
B-BC0420	20 mm
B-BC0425	25 mm
B-BC0432	32 mm

INTERSECTION



ITEM CODE	SIZE
B-BC0520	20 mm
B-BC0525	25 mm
B-BC0532	32 mm

BRANCH TWO WAY (U)



ITEM CODE	SIZE
B-BC0620	20 mm
B-BC0625	25 mm
B-BC0632	32 mm

BRANCH THREE WAY (Y)



ITEM CODE	SIZE
B-BC0720	20 mm
B-BC0725	25 mm
B-BC0732	32 mm

TWIN THROUGH WAY (H)



ITEM CODE	SIZE
B-BC0820	20 mm
B-BC0825	25 mm
B-BC0832	32 mm

BACK OUTLET



ITEM CODE	SIZE
B-BC0920	20 mm
B-BC0925	25 mm
B-BC0932	32 mm

TERMINAL WITH BACK OUTLET



ITEM CODE	SIZE
B-BC1020	20 mm
B-BC1025	25 mm
B-BC1032	32 mm

ANGLE WITH BACK OUTLET



ITEM CODE	SIZE
B-BC1120	20 mm
B-BC1125	25 mm
B-BC1132	32 mm

THROUGH WITH BACK OUTLET



ITEM CODE	SIZE
B-BC1220	20 mm
B-BC1225	25 mm
B-BC1232	32 mm

- **Material :** Malleable Iron
- **Finish:** Hot Dipped Galvanized

BOXES - CIRCULAR, SMALL & LARGE

TEE WITH BACK OUTLET



ITEM CODE	SIZE
B-BC1320	20 mm
B-BC1325	25 mm
B-BC1332	32 mm

INTERSECTION WITH BACK OUTLET



ITEM CODE	SIZE
B-BC1420	20 mm
B-BC1425	25 mm
B-BC1432	32 mm

BRANCH TWO WAY (U) WITH BACK OUTLET



ITEM CODE	SIZE
B-BC1520	20 mm
B-BC1525	25 mm
B-BC1532	32 mm

BRANCH THREE WAY (Y) WITH BACK OUTLET



ITEM CODE	SIZE
B-BC1620	20 mm
B-BC1625	25 mm
B-BC1632	32 mm

TWIN THROUGH WAY (H) WITH BACK OUTLET



ITEM CODE	SIZE
B-BC1720	20 mm
B-BC1725	25 mm
B-BC1732	32 mm

- **Material :** Malleable Iron
- **Finish:** Hot Dipped Galvanized

BOXES - LOOPING IN

LOOPING IN BOX



ITEM CODE	SIZE
B-BL0120-1	20 mm
B-BL0120-2	20 mm
B-BL0120-3	20 mm
B-BL0120-4	20 mm

- **Material :** Malleable Iron
- **Finish:** Hot Dipped Galvanized

COVERS

BALL & SOCKET, EARTHED



ITEM CODE	SIZE
B-CV0120	20 mm
B-CV0125	25 mm

- **Material :** Malleable Iron
- **Finish:** Hot Dipped Galvanized

DOME LID



ITEM CODE	SIZE
B-CV0220	20 mm
B-CV0225	25 mm

CIRCULAR BOX COVER



ITEM CODE	SIZE
B-CV0320	20 mm
	25 mm
B-CV0332	32 mm

- **Material :** Steel
- **Finish:** Hot Dipped Galvanized

HOOK



ITEM CODE	SIZE
B-CV0420	20 mm
	25 mm

RINGS

CIRCULAR BOX EXTENSION RING



ITEM CODE	SIZE
B-RNO113	13 mm
B-RNO116	16 mm
B-RNO120	20 mm
B-RNO125	25 mm
B-RNO132	32 mm
B-RNO138	38 mm

- For Circular Box of 20 mm & 25 mm
- **Material:** Malleable Iron
- **Finish:** Hot Dipped Galvanized

RUBBER GASKETS

RUBBER GASKET FOR CIRCULAR BOX



ITEM CODE	SIZE
B-RG0120	20 mm
	25 mm
B-RG0132	32 mm

COUPLINGS

COUPLING



ITEM CODE	SIZE
B-CP0120	20 mm
B-CP0125	25 mm
B-CP0132	32 mm
B-CP0150	1½"
B-CP0175	2"

EXPANSION COUPLING



ITEM CODE	SIZE
B-CP0220	20 mm
B-CP0225	25 mm
B-CP0232	32 mm

SHORT NIPPLE



ITEM CODE	SIZE
B-CP0320	20 mm
B-CP0325	25 mm
B-CP0332	32 mm

LONG NIPPLE



ITEM CODE	SIZE
B-CP0420	20 mm
B-CP0425	25 mm
B-CP0432	32 mm

FLANGE COUPLING WITH LEAD WASHER & LONG MALE BUSH



ITEM CODE	SIZE
B-CP0520	20 mm
B-CP0525	25 mm
B-CP0532	32 mm

- **Material:** Steel
- **Finish:** Hot Dipped Galvanized

- **Material:** Malleable Iron,
- **Finish:** Hot Dipped Galvanized

BENDS

INSPECTION ELBOW



ITEM CODE	SIZE
B-EL0120	20 mm
B-EL0125	25 mm
B-EL0132	32 mm

INSPECTION BEND



ITEM CODE	SIZE
B-EL0220	20 mm
B-EL0225	25 mm
B-EL0232	32 mm

INSPECTION TEE



ITEM CODE	SIZE
B-EL0320	20 mm
B-EL0325	25 mm
B-EL0332	32 mm

90° NORMAL BEND, INTERNAL THREAD



ITEM CODE	SIZE
B-EL0420	20 mm
B-EL0420	25 mm
B-EL0420	32 mm

- **Material:** Malleable Iron,
- **Finish:** Hot Dipped Galvanized

- **Material:** Steel
- **Finish:** Hot Dipped Galvanized

BUSHES

MALE BUSH - SHORT

	ITEM CODE	SIZE
	B-BS0120	20 mm
	B-BS0125	25 mm
	B-BS0132	32 mm

MALE BUSH - LONG

	ITEM CODE	SIZE
	B-BS0220	20 mm
	B-BS0225	25 mm
	B-BS0232	32 mm


FEMALE BUSH

	ITEM CODE	SIZE
	B-BS0320	20 mm
	B-BS0325	25 mm
	B-BS0332	32 mm

- **Material:** Brass

PLUGS

STOPPING PLUG HEXAGONAL HEAD

	ITEM CODE	SIZE
	B-PL0120	20 mm
	B-PL0125	25 mm
	B-PL0132	32 mm

STOPPING PLUG SLOTTED HEAD


	ITEM CODE	SIZE
	B-PL0220	20 mm
	B-PL0225	25 mm
	B-PL0232	32 mm

- **Material:** Malleable Iron
- **Finish:** Hot Dipped Galvanized

- **Material:** Brass

REDUCERS


REDUCER

	ITEM CODE	SIZE
	B-RD2025	20x25 mm
	B-RD2032	20x32 mm
	B-RD3225	32x25 mm

- **Material:** Malleable Iron,
- **Finish:** Hot Dipped Galvanized

LOCKNUTS

HEXAGONAL LOCKNUT - LIGHT

	ITEM CODE	SIZE
	B-LN0120	20 mm
	B-LN0125	25 mm
	B-LN0132	32 mm
	B-LN0150	1½"
B-LN0175	2"	

HEXAGONAL LOCKNUT - HEAVY

	ITEM CODE	SIZE
	B-LN0220	20 mm
	B-LN0225	25 mm
	B-LN0232	32 mm

- **Material:** Malleable Iron,
- **Finish:** Hot Dipped Galvanized


LOCKING RING

	ITEM CODE	SIZE
	B-LNO320	20 mm
	B-LNO325	25 mm
	B-LNO332	32 mm

- **Material:** Malleable Iron,
- **Finish:** Hot Dipped Galvanized

SADDLES


HALF SADDLE

	ITEM CODE	SIZE
	B-SD0120	20 mm
	B-SD0125	25 mm
	B-SD0132	32 mm


PLAIN SADDLE

	ITEM CODE	SIZE
	B-SD0220	20 mm
	B-SD0225	25 mm
	B-SD0232	32 mm

DISTANCE SADDLE

	ITEM CODE	SIZE
	B-SD0320	20 mm
	B-SD0325	25 mm
	B-SD0332	32 mm

BAR SADDLE

	ITEM CODE	SIZE
	B-SD0420	20 mm
	B-SD0425	25 mm
	B-SD0432	32 mm

- **Material:** Steel & Malleable Iron for base of Distance Saddle,
- **Finish:** Hot Dipped Galvanized

FLEXIBLE CONDUIT SYSTEM

STEEL FLEXIBLE CONDUIT

- Flexible Material** : Electro-Galvanized Steel
- Properties** : Provides strong protection for cables
- Temp range** : -50°C to +350°C
- IP Rating** : IP 40
- Construction** : Highly flexible steel conduit offers excellent mechanical protection
- Features** : Ideal for general wiring installations and provides good flexible bending and vibration applications
- Standard** : BS731 (where applicable)

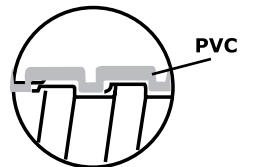


SFC - GENERAL PURPOSE, GLAVANIZED STEEL, SQUARELOCK

Item code	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radius (mm)	Coil Packing (M)
SFC302	20mm	17	20	30	25
SFC303	25mm	21	24	43	25
SFC304	32mm	28	32	50	20

PVC COATED STEEL FLEXIBLE CONDUIT

- Flexible Material** : Electro-Galvanized Steel
- Properties** : Heat retardant self extinguishing PVC sheath
- PVC color** : Black (White/Grey and other colors are available upon specific request)
- Temp range** : -25°C to +120°C
- IP Rating** : IP67 (When installed with suitable water tight adaptors)
- Construction** : Galvanized steel core with enhanced low acid PVC Sheath
- Features** : Highly flexible
- Standard** : BS731/BS EN 50086-1 (where applicable)



Item code	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radius (mm)	Coil Packing (M)
PCSFC602	20mm	17	20	30	25
PCSFC603	25mm	21	24	43	25
PCSFC604	32mm	28	32	50	20

*** Other Sizes can be supplied upon request.

FLEXIBLE CONDUIT SYSTEM ADAPTORS

MALE ADAPTOR WITH SCREW

Material: BRASS



ITEM CODE	SIZE
B-A0120	20 mm
B-A0125	25mm
B-A0132	32mm

MALE ADAPTOR WITHOUT SCREW

Material: BRASS



ITEM CODE	SIZE
B-A0220	20 mm
B-A0225	25mm
B-A0232	32mm

FEMALE ADAPTOR WITH SCREW

Material: BRASS



ITEM CODE	SIZE
B-A0320	20 mm
B-A0325	25mm
B-A0332	32mm

FEMALE ADAPTOR WITHOUT SCREW

Material: BRASS



ITEM CODE	SIZE
B-A0420	20 mm
B-A0425	25mm
B-A0432	32mm

BRASS NICKLE PLATED ADAPTORS

Material: BRASS
 Finish : NICKLE PLATED
 IP Rating : IP40



ITEM CODE	SIZE
B-A0520	20 mm
B-A0525	25mm
B-A0532	32mm

*** Other Sizes can be supplied upon request.

SWITCH AND SOCKET BOXES

Material	Steel
Finish	Pre-Galvanised
Standard	BS4662

- Socket Boxes are available in various depths like 25mm, 35mm and 47mm.
- They are designed with adjustable lugs for easy fitting of accessories and with one brass earth terminal.
- Each Box is produced with specified number and size of knockouts which allow adequate cable entries for wiring purpose.
- Normal Dimensions: One Gang - 72mm x 72mm, Two Gang - 132mm x 72mm.

SWITCH BOXES - ONE GANG

Standard	Type	Item Code	Size (mm)			
			Width	Length	Depth	Thickness
BS 4662: 1970	Intermediate Deep	B-SB12510	72	72	25	1
		B-SB12511	72	72	25	1.1
		B-SB12512	72	72	25	1.2
	Standard Deep	B-SB13510	72	72	35	1
		B-SB13511	72	72	35	1.1
		B-SB13512	72	72	35	1.2
	Extra Deep	B-SB14710	72	72	47	1
		B-SB14711	72	72	47	1.1
		B-SB14712	72	72	47	1.2



SWITCH BOXES - TWO GANG

Standard	Type	Item Code	Size (mm)			
			Width	Length	Depth	Thickness
BS 4662: 1970	Intermediate Deep	B-SB22510	72	132	25	1
		B-SB22511	72	132	25	1.1
		B-SB22512	72	132	25	1.2
	Standard Deep	B-SB23510	72	132	35	1
		B-SB23511	72	132	35	1.1
		B-SB23512	72	132	35	1.2
	Extra Deep	B-SB24710	72	132	47	1
		B-SB24711	72	132	47	1.1
		B-SB24712	72	132	47	1.2



*** Other specifications, and thickness can be supplied upon request.

STEEL ADAPTABLE BOXES

Material	Steel
Finish	Pre-Galvanised
IP Rating	IP40 / IP54

ITCC heavy duty adaptable boxes can be used as a junction box for installation with electrical conduits ranging from 20mm up to 150mm diameter. Boxes are supplied with and without knock out holes so as users can drill the required holes according to installation needs. The boxes can be supplied with a rubber gasket to improve the IP rating to IP54. It could also serve as an utility junction box wiring connection purposes.

note:

- Supplied with Steel screws as standard.
- Brass or Stainless steel screws optional.
- Boxes are supplied plain without K.O. holes.
- Boxes with K.O. holes can be supplied upon special request with client’s dimensions.
- Other specifications, and thickness can be supplied upon request.

Adaptable Box - without Knock out

Standard	Item code	Size (mm)		
		Width	Length	Depth
BS 4568	B-AB1101	75	75	50
	B-AB1102	100	100	50
	B-AB1103	100	100	75
	B-AB1104	150	150	75
	B-AB1105	225	225	75
	B-AB1106	300	300	75



Adaptable Box With - Knockout

Standard	Item code	Size (mm)		
		Width	Length	Depth
BS 4568	B-AB2101	75	75	50
	B-AB2102	100	100	50
	B-AB2103	100	100	75
	B-AB2104	150	150	75
	B-AB2105	225	225	75
	B-AB2106	300	300	75



*** Other Sizes can be supplied upon request.



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