

International Tube & Conduit Company Ltd.

**UL Listed Conduits
& Mechanical Pipes**



GALVANIZING EDGE IN TUBE TECHNOLOGY





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.

UL ONLINE CERTIFICATIONS DIRECTORY


FJMX.E331698
Electrical Metallic Tubing

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Electrical Metallic Tubing

[See General Information for Electrical Metallic Tubing](#)

INTERNATIONAL TUBE & CONDUIT CO LTD E331698
PO BOX 10374
JEDDAH, KSA 21433 SAUDI ARABIA

Trademark and/or Tradename: 

Electrical metallic tubing, trade sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 4.
Last Updated on 2013-07-17

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UL ONLINE CERTIFICATIONS DIRECTORY

DYIX.E331696
Rigid Ferrous Metal Conduit

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Rigid Ferrous Metal Conduit

[See General Information for Rigid Ferrous Metal Conduit](#)

INTERNATIONAL TUBE & CONDUIT CO LTD E331696
PO BOX 10374
JEDDAH, KSA 21433 SAUDI ARABIA

Trademark and/or Tradename: 

Steel rigid metal conduit, trade sizes 3/4, 1, 1-1/4, 1-1/2, 2.
Last Updated on 2013-02-27

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UL ONLINE CERTIFICATIONS DIRECTORY

DYBY.E331697
Intermediate Ferrous Metal Conduit

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Intermediate Ferrous Metal Conduit

[See General Information for Intermediate Ferrous Metal Conduit](#)

INTERNATIONAL TUBE & CONDUIT CO LTD E331697
PO BOX 10374
JEDDAH, KSA 21433 SAUDI ARABIA

Steel intermediate metal conduit, trade sizes 1, 1-1/4, 2.
Steel intermediate metal conduit couplings, trade sizes 1, 1-1/4, 2.
Last Updated on 2012-11-27

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Certificate 0A192156



The management system of

International Tube and Conduit Company Ltd.

King Abdullah Economic City Western Region, P.O Box 10374,
Jeddah, 21433, Saudi Arabia



has been assessed and certified as meeting the requirements of

ISO 9001:2008

For the following activities

Manufacture, Sales and Distribution of Galvanized Steel Conduits, Steel Tubes, Scaffoldings, Props, Formworks and Fencing products and accessories.

Further definitions regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by consulting the original certificate.

This certificate is valid from 1 April 2013 until 1 April 2016 and remains valid subject to satisfactory surveillance audits.
Re-certification audit due before 10 March 2015
Issue 2. Certified since 1 April 2010
Advanced to



SGS Global Village LLC, Technical & Service Certificate
Parsippany Business Park, Parsippany Park, Parsippany, NJ 07054, USA
t +1-973-251-2500 ext. 1-44 0000 000000 www.sgslife.com

SGS 0001-011 0011

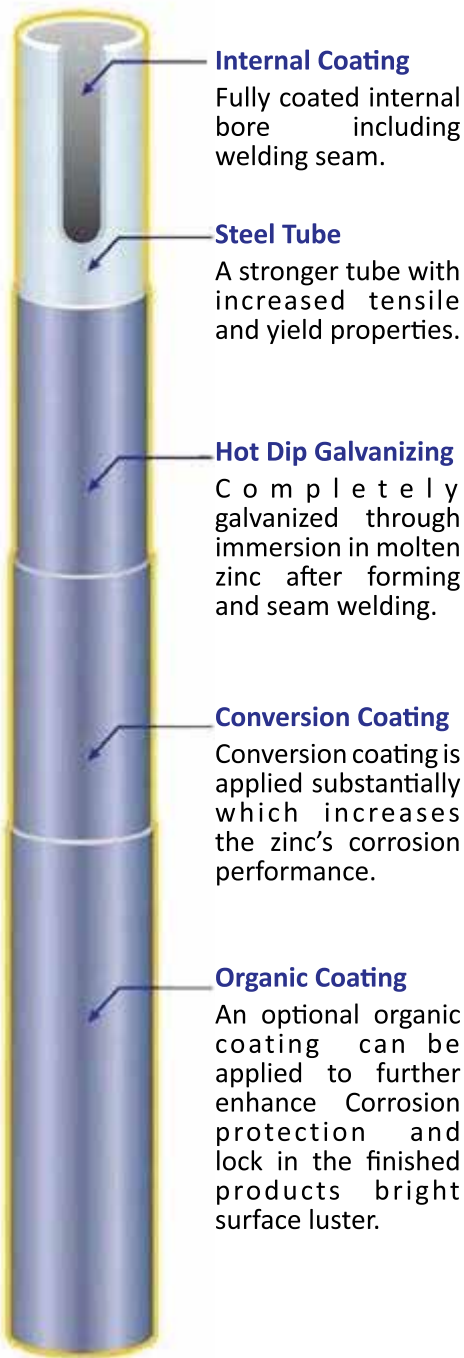
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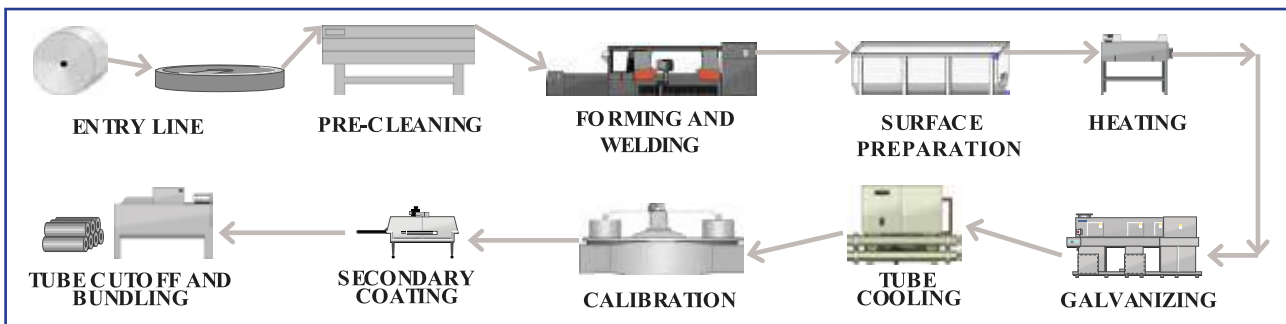
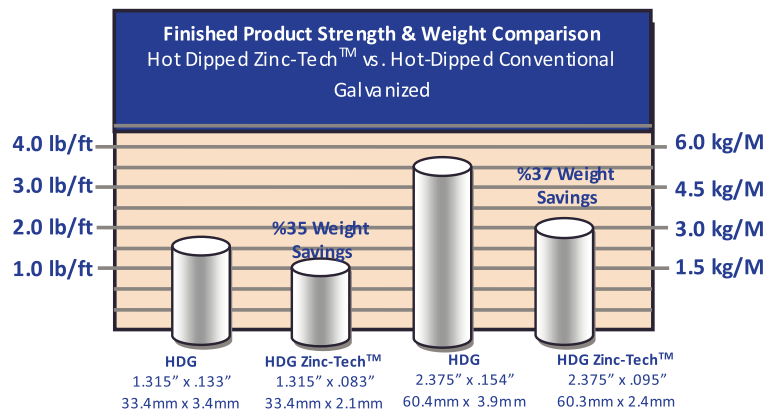
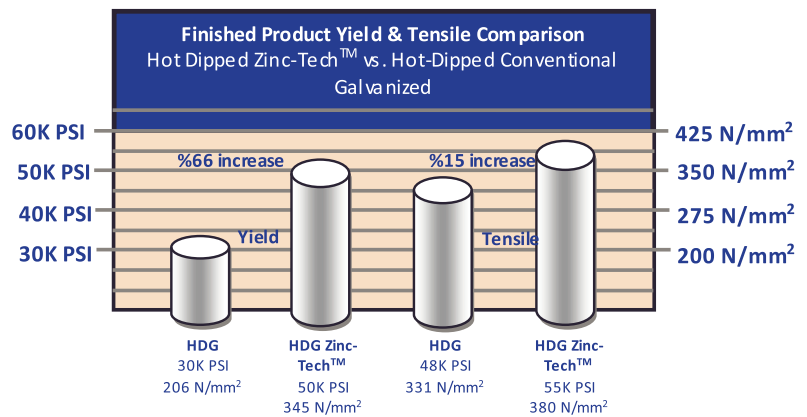
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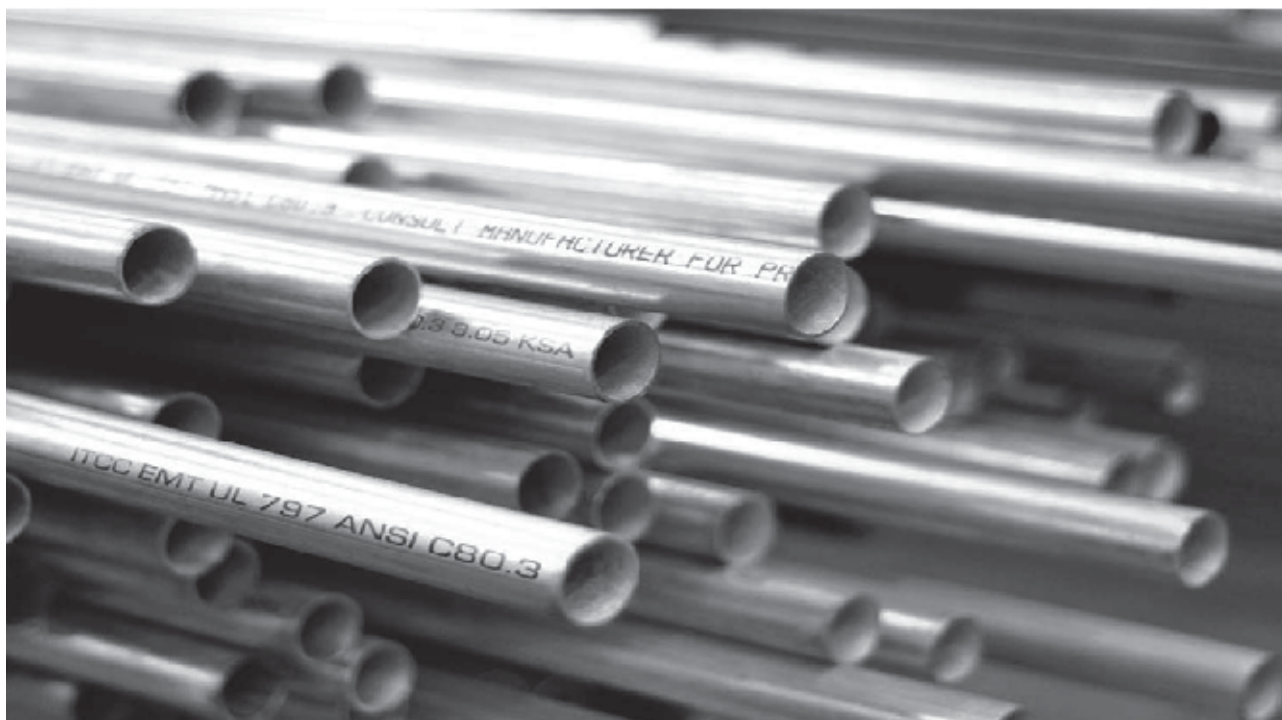
THE ZINC-TECH IN-LINE HOT DIPPED GALVANIZED PRODUCT



Comparative Table between Hot Dipped Zinc-Tech and Hot Dipped Conventional Process

The characteristic of the Hot Dipped Zinc-Tech™ process also provides yet another distinct and very beneficial property to your finished product, an increase in both tensile and yield strength.





CONDUITS

Electrical Metallic Tubing	EMT
Rigid Metal Conduit	RMC
Intermediate Metal Conduit	IMC
Flexible Conduit	FC
Fittings	

Steel conduits are recognized as providing the most mechanical protection to the enclosed wire conductors. It is also recognized as an equipment grounding conductor.

We at ITCC produce our conduit by rolling our own tubing from high grade mild steel strips, welding and hot dip galvanizing it; using our own Zinc-Tech process that combines Zinc, a conversion coat and an organic coating.

The inside of the conduits have a corrosion resistant lubricating coating for easier wire pulling.

The resulting conduit has the following superior characteristics:

- The best corrosion performance of any galvanized product.
- Increased tensile and yield for a stronger product.
- Better fabrication properties: cutting, bending and welding.
- Meets the Underwriters Laboratories Specification UL 6, UL 797 and UL 1242 where applicable.
- A far superior finish and product appearance.
- Easy wire pulling.
- Provides shielding magnetic field.

EMT is a steel raceway of circular cross section which is unthreaded.

The exterior is galvanized and protected by a clear zinc coating.

The interior is a smooth continuous raceway and is coated with zinc organic lubricants. It is installed either indoors or outdoors in all conditions and produced trade size from ½" to 4".

EMT Pipes are manufactured in accordance with the latest edition of the following:

- American National Standard for Steel Electrical Metallic Tubing (ANSI C80.3)
- Underwriters Laboratories Standard for Electrical Metallic Tubing (UL 797). File No. E331698

Save with the length when purchasing the 6M EMT:

- 6M (EMT) 20 feet
- Fewer fittings
- Quick and Easy installation
- Listed to UL 797 Standard and ANSI C80.3



ELECTRICAL METALLIC TUBING – STEEL (WEIGHTS AND DIMENSIONS)

Code	Trade Size	Metric Designator	Wall Thickness	Outside Diameter	Weights of 10 Units Lengths
			mm.	mm.	kg.
C-E00050	½"	16	1.07	17.93	13.6
C-E00075	¾"	21	1.24	23.42	20.9
C-E00100	1"	27	1.45	29.54	30.4
C-E00125	1 ¼"	35	1.65	38.35	45.8
C-E00150	1 ½"	41	1.65	44.20	52.6
C-E00200	2"	53	1.65	55.80	67.1
C-E00250	2 ½"	63	1.83	73.03	98.0
C-E00300	3"	78	1.83	88.90	119.3
C-E00350	3 ½"	91	2.11	101.60	158.3
C-E00400	4"	103	2.11	114.30	178.3

NOTES: Applicable tolerances

Length: 10ft. (3.05 m) +/- ¼ in. (+/- 6.35 mm)

(1) Outside Diameter: 2 - 2 +/- 10.015/ in. (0.13 -/+ 35 - 16 mm), 2 +/- 10.020 - 2/ in. (-103 +/- 910.51 mm). 0.015 -/+ 3 in. (0.38 -/+ 78 mm), 2 - 4 +/- 10.020 - 3/ in. (-103 +/- 910.51 mm).

Colors Available:



RMC is a threaded metal raceway of circular cross sections with coupling which can either be standard straight tapped conduit or integral type.

It has a coating of zinc on both outside and inside surfaces. It is also non-combustible and can be used indoors, outdoors, underground, concealed or exposed areas.

It is known as the heaviest weight and thickest steel conduit.

RMC pipes are manufactured in accordance with the latest edition of the following:

- American National Standard for Electrical Rigid Steel Conduit (ANSI C80.1)
- Underwriters Laboratories Standard for Electrical Rigid Metal Conduit (UL 6). File No. E331696

Save with the length when purchasing the 6M RMC:

- 6M (RMC) 20 feet
- Fewer Fittings
- Quick and Easy Installation
- Listed to the UL6 Standard and ANSI C80.1



RIGID METAL CONDUIT - STEEL (WEIGHTS AND DIMENSIONS)

Code	Trade Size	Metric Designator	Wall Thickness	Outside Diameter	Length of Straight Conduit 6±	Min. Weight of Ten Pieces Screwed & Coupled
			mm.	mm.	mm.	kg.
C-R00050	½"	16	2.64	21.34 ± 0.38	3005	35.8
C-R00075	¾"	21	2.72	26.67 ± 0.38	3005	47.6
C-R00100	1"	27	3.2	33.4 ± 0.38	3005	69.4
C-R00125	1 ¼"	35	3.38	42.16 ± 0.38	3005	91.2
C-R00150	1 ½"	41	3.51	48.26 ± 0.38	3005	112.9
C-R00200	2"	53	3.71	60.33 ± 0.603	3005	150.6
C-R00250	2 ½"	63	4.9	73.03 ± 0.73	3005	239
C-R00300	3"	78	5.21	88.9 ± 0.889	3005	309.6
C-R00350	3 ½"	91	5.56	101.6 ± 1.016	3005	376.9
C-R00400	4"	103	5.72	114.3 ± 1.14	3005	441
C-R00500	5"	129	6.2	141.3 ± 1.413	3005	595.9
C-R00600	6"	155	6.75	168.26 ± 1.682	3005	791.7

Conduits up to 4" are UL Listed (UL6)

Colors Available: 

PVC coated Rigid Conduits available upon request

Made of high quality flat rolled steel and produced using an electric resistance welding process. Listed threaded steel raceway of circular cross sections with the coupling which can be either a standard straight-tapped conduit or integral type.

Moreover, interchangeable with galvanized rigid steel conduit, they both have the same threads, use the couplings and fittings and also are permitted to be used in the same locations.

IMC pipes are manufactured in accordance with the latest edition of the following:

- American National Standard for Electrical Intermediate Metal Conduit (ANSI C80.6)
- Underwriters Laboratories Standard for Electrical Intermediate Metal Conduit - Steel, (UL 1242). File No. E331697

Save with the weight:

IMC weighs about one third less than rigid metal conduit and has a larger interior diameter.

Save with the length when purchasing the 6M IMC:

- 6M (IMC) 20 feet
- Fewer Fittings
- Quick and Easy installation
- As per UL 1242 Standard and ANSI C80.6



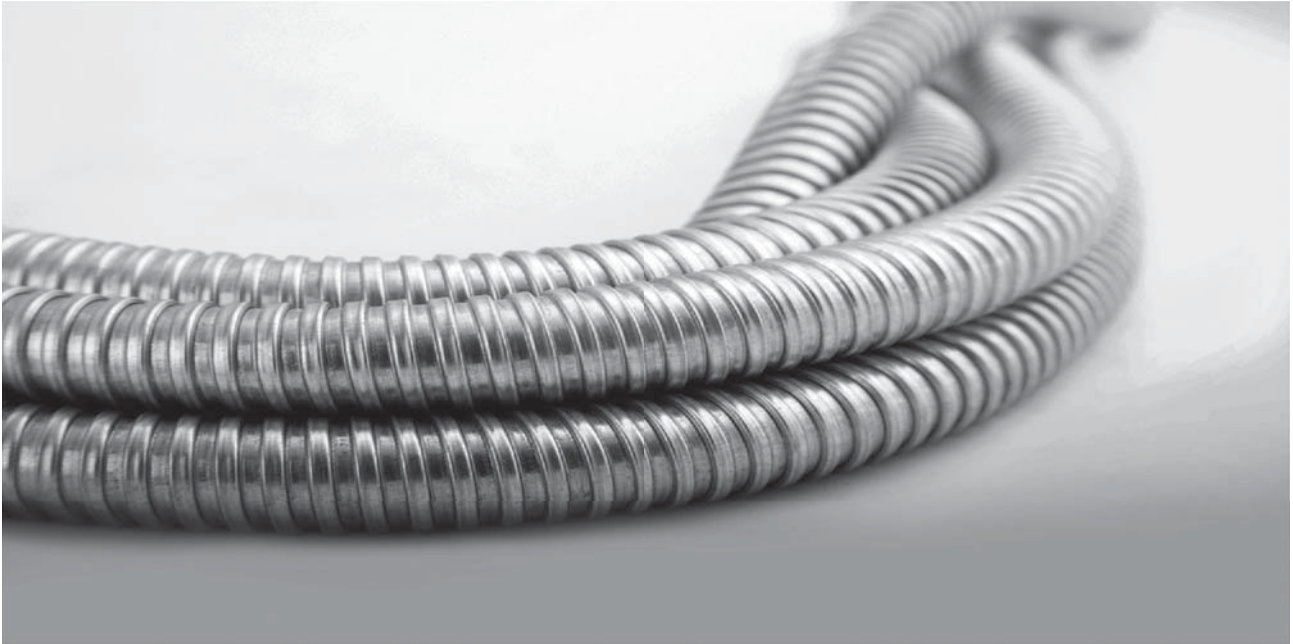
INTERMEDIATE METAL CONDUIT—STEEL (WEIGHTS AND DIMENSIONS)

Code	Trade Size	Metric Designator	Wall Thickness	Outside Diameter	Inside Diameter	Length of Straight Conduit 6±	Min. Weight of Ten Pieces With Coupling
			mm.	mm.	mm.		
C-I00050	½"	16	1.97	20.70	16.76	3005	28.12
C-I00075	¾"	21	2.10	26.13	22.07	3005	38.13
C-I00100	1"	27	2.35	32.77	28.07	3005	53.98
C-I00125	1 ¼"	35	2.42	41.59	36.77	3005	71.67
C-I00150	1 ½"	41	2.54	47.82	42.74	3005	88.00
C-I00200	2"	53	2.67	59.93	54.60	3005	116.22
C-I00250	2 ½"	63	3.81	72.57	64.95	3005	200.24
C-I00300	3"	78	3.81	88.29	80.67	3005	246.50
C-I00350	3 ½"	91	3.81	100.86	93.24	3005	285.60
C-I00400	4"	103	3.81	113.44	105.82	3005	317.82

NOTES: (1) Figures are the average of the maximum and minimum dimensions as given in UL 1242
 (2) Calculated from nominal outside diameter and nominal wall thickness.
 (3) From 2 ½" and higher, figures are hot-dip galvanized conduit.

Colors Available: 

FLEXIBLE STEEL CONDUIT



Galvanized steel flexible conduit is suitable for concealed, exposed or approved raceways. The flexible conduit is manufactured with a continuous spiral wound strip of corrosion rust resistant, hot dipped galvanized steel.

The natural color type RWS conduit features a smooth metal interior for easy wire pulling. The flexible steel conduit is wire temperature rated, and has superior crush proof qualities.

Its Benefits:


- Smooth interior for easy wire pulling
- Able to withstand high temperatures
- Durable crush-proof construction
- Corrosion and rust resistant


FLEXIBLE METAL CONDUIT—STEEL (WEIGHTS AND DIMENSIONS)


Code	Trade Size	Internal Diameter mm.		Outside Diameter mm.		Min. Bending Radius (mm)	Length of Conduit (M/Roll)
		Min.	Max.	Min.	Max.		
C-FC0050	½"	15.8	16.2	19.5	19.9	65	30
C-FC0075	¾"	20.8	21.3	24.7	25.2	75	30
C-FC0100	1"	26.4	27.1	31.6	32.1	100	15
C-FC0125	1 ¼"	35.0	35.5	40.0	40.5	125	15
C-FC0150	1 ½"	40.1	40.6	45.8	46.3	150	15
C-FC0200	2"	50.5	51.2	57.3	58.0	175	15


Other Sizes are also available upon request


STEEL RANGE

SET SCREW COUPLING	Code	Size
	CP0050	1/2"
	CP0075	3/4"
	CP0100	1"
	CP0125	1 1/4"
	CP0150	1 1/2"
	CP0200	2"
	CP0250	2 1/2"
	CP0300	3"
	CP0350	3 1/2"
	CP0400	4"


SET SCREW CONNECTOR	Code	Size
	CN0050	1/2"
	CN0075	3/4"
	CN0100	1"
	CN0125	1 1/4"
	CN0150	1 1/2"
	CN0200	2"
	CN0250	2 1/2"
	CN0300	3"
	CN0350	3 1/2"
	CN0400	4"


ELBOW 45°	Code	Size
	EL4050	1/2"
	EL4075	3/4"
	EL4100	1"
	EL4125	1 1/4"
	EL4150	1 1/2"
	EL4200	2"
	EL4250	2 1/2"
	EL4300	3"
	EL4350	3 1/2"
	EL4400	4"


ELBOW 90°	Code	Size
	EL9050	1/2"
	EL9075	3/4"
	EL9100	1"
	EL9125	1 1/4"
	EL9150	1 1/2"
	EL9200	2"
	EL9250	2 1/2"
	EL9300	3"
	EL9350	3 1/2"
	EL9400	4"

STRAP ONE HOLE	Code	Size
	ES1050	1/2"
	ES1075	3/4"
	ES1100	1"
	ES1125	1 1/4"
	ES1150	1 1/2"
	ES1200	2"
	ES1250	2 1/2"
	ES1300	3"
	ES1350	3 1/2"
	ES1400	4"


STRAP TWO HOLES	Code	Size
	ES2050	1/2"
	ES2075	3/4"
	ES2100	1"
	ES2125	1 1/4"
	ES2150	1 1/2"
	ES2200	2"
	ES2250	2 1/2"
	ES2300	3"
	ES2350	3 1/2"
	ES2400	4"


COMPRESSION COUPLING	Code	Size
	CCP050	1/2"
	CCP075	3/4"
	CCP100	1"
	CCP125	1 1/4"
	CCP150	1 1/2"
	CCP200	2"
	CCP250	2 1/2"
	CCP300	3"
	CCP350	3 1/2"
	CCP400	4"


COMPRESSION CONNECTOR	Code	Size
	CCN050	1/2"
	CCN075	3/4"
	CCN100	1"
	CCN125	1 1/4"
	CCN150	1 1/2"
	CCN200	2"
	CCN250	2 1/2"
	CCN300	3"
	CCN350	3 1/2"
	CCN400	4"


CONDUIT HANGER	Code	Size
	HAN050	1/2"
	HAN075	3/4"
	HAN100	1"
	HAN125	1 1/4"
	HAN150	1 1/2"
	HAN200	2"
	HAN250	2 1/2"
	HAN300	3"
	HAN350	3 1/2"
	HAN400	4"


ZINC DIE CAST RANGE


SET SCREW COUPLING	Code	Size
	CZ-CP0050	1/2"
	CZ-CP0075	3/4"
	CZ-CP0100	1"
	CZ-CP0125	1 1/4"
	CZ-CP0150	1 1/2"
	CZ-CP0200	2"
	CZ-CP0250	2 1/2"
	CZ-CP0300	3"
	CZ-CP0350	3 1/2"
	CZ-CP0400	4"

SET SCREW CONNECTOR	Code	Size
	CZ-CN0050	1/2"
	CZ-CN0075	3/4"
	CZ-CN0100	1"
	CZ-CN0125	1 1/4"
	CZ-CN0150	1 1/2"
	CZ-CN0200	2"
	CZ-CN0250	2 1/2"
	CZ-CN0300	3"
	CZ-CN0350	3 1/2"
	CZ-CN0400	4"


COMPRESSION COUPLING	Code	Size
	CZ-CCP050	1/2"
	CZ-CCP075	3/4"
	CZ-CCP100	1"
	CZ-CCP125	1 1/4"
	CZ-CCP150	1 1/2"
	CZ-CCP200	2"
	CZ-CCP250	2 1/2"
	CZ-CCP300	3"
	CZ-CCP350	3 1/2"
	CZ-CCP400	4"


COMPRESSION CONNECTOR	Code	Size
	CZ-CCN050	1/2"
	CZ-CCN075	3/4"
	CZ-CCN100	1"
	CZ-CCN125	1 1/4"
	CZ-CCN150	1 1/2"
	CZ-CCN200	2"
	CZ-CCN250	2 1/2"
	CZ-CCN300	3"
	CZ-CCN350	3 1/2"
	CZ-CCN400	4"


FLEXIBLE SQUEEZE CONNECTOR	Code	Size
	C-FSC050	1/2"
	C-FSC075	3/4"
	C-FSC100	1"
	C-FSC125	1 1/4"
	C-FSC150	1 1/2"
	C-FSC200	2"
	C-FSC250	2 1/2"
	C-FSC300	3"
	C-FSC350	3 1/2"
	C-FSC400	4"


THREADED COUPLING	Code	Size
	RCP050	1/2"
	RCP075	3/4"
	RCP100	1"
	RCP125	1 1/4"
	RCP150	1 1/2"
	RCP200	2"
	RCP250	2 1/2"
	RCP300	3"
	RCP350	3 1/2"
	RCP350	4"
	RCP500	5"
	RCP600	6"


THREADED ELBOW 45°	Code	Size
	RL4050	1/2"
	RL4075	3/4"
	RL4100	1"
	RL4125	1 1/4"
	RL4150	1 1/2"
	RL4200	2"
	RL4250	2 1/2"
	RL4300	3"
	RL4350	3 1/2"
	RL4400	4"
	RL4500	5"
	RL4600	6"

THREADED ELBOW 90°	Code	Size
	RL9050	1/2"
	RL9075	3/4"
	RL9100	1"
	RL9125	1 1/4"
	RL9150	1 1/2"
	RL9200	2"
	RL9250	2 1/2"
	RL9300	3"
	RL9350	3 1/2"
	RL9400	4"
	RL9500	5"
	RL9600	6"

RIGID NIPPLE	Code	Size
	RNP050	1/2"
	RNP075	3/4"
	RNP100	1"
	RNP125	1 1/4"
	RNP150	1 1/2"
	RNP200	2"
	RNP250	2 1/2"
	RNP300	3"
	RNP350	3 1/2"
	RNP400	4"
	RNP500	5"
	RNP600	6"

RIGID CLOSED NIPPLE	Code	Size
	CNP050	1/2"
	CNP075	3/4"
	CNP100	1"
	CNP125	1 1/4"
	CNP150	1 1/2"
	CNP200	2"
	CNP250	2 1/2"
	CNP300	3"
	CNP350	3 1/2"
	CNP400	4"
	CNP500	5"
	CNP600	6"


COMPRESSION CONNECTOR	Code	Size
	R-CCN050	1/2"
	R-CCN075	3/4"
	R-CCN100	1"
	R-CCN125	1 1/4"
	R-CCN150	1 1/2"
	R-CCN200	2"


COMPRESSION COUPLING	Code	Size
	R-CCP050	1/2"
	R-CCP075	3/4"
	R-CCP100	1"
	R-CCP125	1 1/4"
	R-CCP150	1 1/2"
	R-CCP200	2"

STRAP ONE HOLE	Code	Size
	RS1050	½"
	RS1075	¾"
	RS1100	1"
	RS1125	1 ¼"
	RS1150	1 ½"
	RS1200	2"
	RS1250	2 ½"
	RS1300	3"
	RS1350	3 ½"
	RS1400	4"
	RS1500	5"
	RS1600	6"

STRAP TWO HOLES	Code	Size
	RS2050	½"
	RS2075	¾"
	RS2100	1"
	RS2125	1 ¼"
	RS2150	1 ½"
	RS2200	2"
	RS2250	2 ½"
	RS2300	3"
	RS2350	3 ½"
	RS2400	4"
	RS2500	5"
	RS2600	6"

INSULATED RIGID BUSHING	Code	Size
	RBI050	½"
	RBI075	¾"
	RBI100	1"
	RBI125	1 ¼"
	RBI150	1 ½"
	RBI200	2"
	RBI250	2 ½"
	RBI300	3"
	RBI350	3 ½"
	RBI400	4"
	RBI500	5"
	RBI600	6"

NON-INSULATED RIGID BUSHING	Code	Size
	RBNI050	½"
	RBNI075	¾"
	RBNI100	1"
	RBNI125	1 ¼"
	RBNI150	1 ½"
	RBNI200	2"
	RBNI250	2 ½"
	RBNI300	3"
	RBNI350	3 ½"
	RBNI400	4"
	RBNI500	5"
	RBNI600	6"

LOCKNUT	Code	Size
	LKN050	½"
	LKN075	¾"
	LKN100	1"
	LKN125	1 ¼"
	LKN150	1 ½"
	LKN200	2"
	LKN250	2 ½"
	LKN300	3"
	LKN350	3 ½"
	LKN400	4"
	LKN500	5"
	LKN600	6"

REDUCER BUSHING	Code	Size
	RB050A	½"
	RB075A	¾"
	RB100A	1"
	RB125A	1 ¼"
	RB150A	1 ½"
	RB200A	2"
	RB250A	2 ½"
	RB300A	3"
	RB350A	3 ½"
	RB400A	4"
	RB500A	5"
	RB600A	6"

ASTM A53 - STANDARD SPECIFICATION FOR PIPE, STEEL, BLACK AND HOT-DIPPED, ZINC-COATED AND WELDED. (schedule 40)



Corrosion Resistant, Top Performance, High Quality Solutions:

ITCC galvanized O.D. lightwall threadable products work perfectly with most sprinkler pipe systems. Our sprinkler pipes offer exceptional hydraulics, they are lightweight and unparalleled economic value compared to most sprinkler pipe systems. It is an ideal pipe for branch line use in wet, dry, preaction and deluge systems. ITCC Galvanized O.D. Lightwall Threadable Sprinkler Pipes can be joined with threaded couplings, roll grooved or plain-ended couplings or it may be welded.

Pipe Size (in)	Diameter		Nominal Thickness (in)	Transverse Areas			Length of Pipe		Volume (ft ³ /ft)	Weight	
	External	Internal		External	Internal	Steel	External Surface (ft)	Internal Surface (ft)		lb/ft	kg/m
½	0.84	0.62	0.11	0.55	0.30	0.25	4.55	6.14	0.0021	0.85	1.26
¾	1.05	0.82	0.11	0.87	0.53	0.33	3.64	4.64	0.0037	1.13	1.68
1	1.32	1.05	0.13	1.36	0.86	0.49	2.90	3.64	0.0060	1.68	2.50
1 ¼	1.66	1.38	0.14	2.16	1.50	0.67	2.30	2.77	0.0104	2.27	3.38
1 ½	1.90	1.61	0.15	2.84	2.04	0.80	2.01	2.37	0.0141	2.72	4.04
2	2.38	2.07	0.15	4.43	3.36	1.08	1.61	1.85	0.0233	3.65	5.43
2 ½	2.88	2.47	0.20	6.49	4.79	1.70	1.33	1.55	0.0333	5.79	8.62
3	3.50	3.07	0.22	9.62	7.39	2.23	1.09	1.25	0.0513	7.58	11.27
3 ½	4.00	3.55	0.23	12.56	9.89	2.68	0.95	1.08	0.0687	9.11	13.56
4	4.50	4.03	0.24	15.90	12.73	3.17	0.85	0.95	0.0884	10.79	16.06
5	5.56	5.05	0.26	24.30	20.00	4.30	0.69	0.76	0.1389	14.61	21.74
6	6.63	6.07	0.28	34.47	28.89	5.58	0.58	0.63	0.2006	18.97	28.23



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