

ARROW PIPE

1. ท่อร้อยสายไฟ (White conduit)

- ท่อ ชนิด EMC (Electrical Metallic Conduit)

American Standard Electrical Metallic Tubing



Trade Size (in.)	Diameter				Length without Coupling		Wall Thickness		Min. Acceptable Weight	
	Outside Dia.		Inside Dia.							
	in.	mm.	in.	mm.	ft.	mm.	in.	mm.	Ibs/ft.	kgs/m.
1/2"	0.706	17.93	0.622	15.88	10	3050	0.042	1.07	0.285	0.424
3/4"	0.922	23.42	0.824	20.93	10	3050	0.049	1.25	0.435	0.647
1"	1.163	29.54	1.049	26.64	10	3050	0.057	1.45	0.640	0.952
1 1/4"	1.510	38.35	1.380	35.05	10	3050	0.065	1.65	0.950	1.414
1 1/2"	1.740	44.20	1.610	40.89	10	3050	0.065	1.65	1.100	1.637
2"	2.197	55.80	2.067	52.50	10	3050	0.065	1.65	1.400	2.083

- ท่อหนา ชนิด IMC (Intermediate Metal Conduit)

American Standard Intermediate Metal Conduit



Trade Size (in.)	Outside Diameter			Length without Coupling (mm.)	Wall Thickness (mm)	Minimum Weight of 10 Unit Lengths with Coupling, (kgs.)
	Nominal (mm.)	Minimum (mm.)	Maximum (mm.)			
1/2"	20.7	20.6	20.8	3030	1.79	25.4
3/4"	26.1	26.0	26.3	3030	1.90	34.6
1"	32.8	32.6	32.9	3025	2.16	49.9
1 1/4"	41.6	41.4	41.9	3025	2.16	64.3
1 1/2"	47.8	47.6	48.0	3025	2.29	79.1
2"	59.9	59.7	60.1	3025	2.41	105.2
2 1/2"	72.6	72.3	72.8	3010	3.56	186.2
3"	88.3	88.0	88.5	3010	3.56	229.0
3 1/2"	100.9	100.6	101.1	3005	3.56	263.0
4"	113.4	113.2	113.7	3005	3.56	296.1

- ท่อหนา ชนิด (RSC Rigid Steel Conduit)

American Standard Rigid Steel Conduit, Zinc Coated



Trade Size (in.)	Diameter		Nominal Wall Thickness (mm.)	Length without Coupling (mm.)	Min.Acceptable Weight Minimum Weight of 10 Unit Lengths with Coupling, (kgs.)
	Nominal Inside Dia. (mm.)	Outside Diameter (mm.)			
1/2"	16.1	21.1	2.64	3.03	35.83
3/4"	21.2	26.7	2.72	3.03	47.63
1"	27.0	33.4	3.20	3.02	69.40
1 1/4"	35.4	42.2	3.38	3.02	91.17
1 1/2"	41.2	48.3	3.51	3.02	112.95
2"	52.9	60.3	3.71	3.02	150.60
2 1/2"	63.2	73.0	4.90	3.01	239.05
3"	78.5	88.9	5.21	3.01	309.63
3 1/2"	90.7	101.6	5.46	3.00	376.94
4"	102.9	114.3	5.72	3.00	441.04
5"	128.9	141.3	6.22	3.00	595.85
6"	154.8	168.3	6.76	3.00	791.67

2. ท่อร้อยสายไฟแบบอ่อน

- ท่ออ่อนกันน้ำสำหรับร้อยสายไฟ (UL 360)

Liquid - Tight Flexible Metal Conduit - UL 360

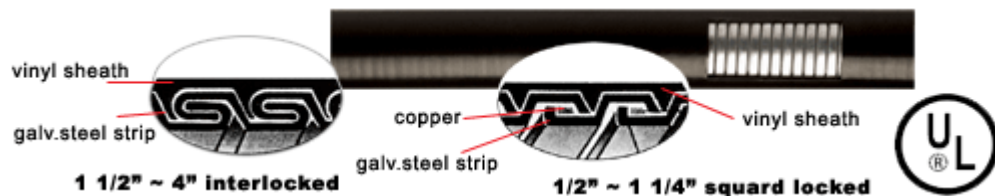
The Product - High grade liquid - tight flexible conduit

- Hot -dipped galvanized steel strip with copper ground wire.
- Extra Water - proof and oil resistant.
- High tension and flexibility.
- Heavy duty PVC jacket in grey and black color.

Application

Seals Out abrasives, alcohol, fumes, gases, dirt, oils, water and spray suitable for the following potentials :

- Direct burial
- Machine tools
- Silo and plant
- Food manufacturing and process equipment
- High rise buildings
- Water treatment, Sewage equipment
- Security



Nominal Size	Diameter				Vinyl Sheath Thickness mm.	Min. Bending Radius mm.	Length of Each Roll	
	Inside Diameter		Outside Diameter				ft.	m.
	min. mn.	max. mm.	min. mn.	max. mm.				
1/2"	15.80	16.31	20.80	21.30	0.76	160	200	60
3/4"	20.83	21.34	25.20	26.70	0.89	200	100	30
1"	26.44	27.08	32.80	33.40	0.89	330	100	30
1-1/4"	35.05	35.81	41.40	42.20	0.89	400	50	15
1-1/2"	40.10	40.64	47.40	48.30	1.02	450	50	15
2"	51.31	51.94	59.40	60.30	1.02	560	50	15
2-1/2"	62.99	63.63	72.10	73.00	1.27	700	25	7.5
3"	77.98	78.74	87.90	88.90	1.27	800	25	7.5
4"	101.60	102.62	113.30	114.30	1.52	1200	25	7.5

- ท่ออ่อนเหล็กร้อยสายไฟ

Steel Flexible Conduit - Greenfield

The Product - Heavy - duty

- Good mechanical protection, high tension.
- Good flexibility.
- Low fire hazard.
- Can make according to UL, BS731, Parts1

Application

Cable protection for the following potentials:

- High rise building
- Machine tools
- Area subject to heat and sparks

Nominal Size	Diameter				Min. Bending Radius	Length of Each Roll
	Inside Diameter		Outside Diameter			
	min. mm.	max. mm.	min. mm.	max. mm.	mm.	m.
1/2"	15.90	16.30	20.90	23.30	50	76
3/4"	20.70	21.20	26.60	28.00	50	100
1"	25.40	26.40	33.00	35.00	30	125
1-1/4"	31.80	33.00	39.40	41.40	15	160
1-1/2"	38.20	40.00	48.70	49.40	15	190
2"	50.90	52.80	59.70	62.20	15	250
2-1/2"	63.60	64.40	72.70	77.70	10	310
3"	76.30	76.90	98.20	90.40	10	380
4"	101.70	102.80	110.80	115.80	10	500

3. ข้อต่อสำหรับท่ออ่อนร้อยสายไฟ (Connectors)

The Product

- Available in nickel plated brass, steel and zinc diecasting.
- High pull off strength.
- Metric, PG, NPT threads.
- Many types of connector are available to suit different applications.

