DAIWA

WHITE CONDUIT ∞ ACCESSORIES

TIS 770-2567

TUV NORD (Thailand) Ltd.

NSC-TISI-TIS 17021-1
QMS 005



for Safe Wiring

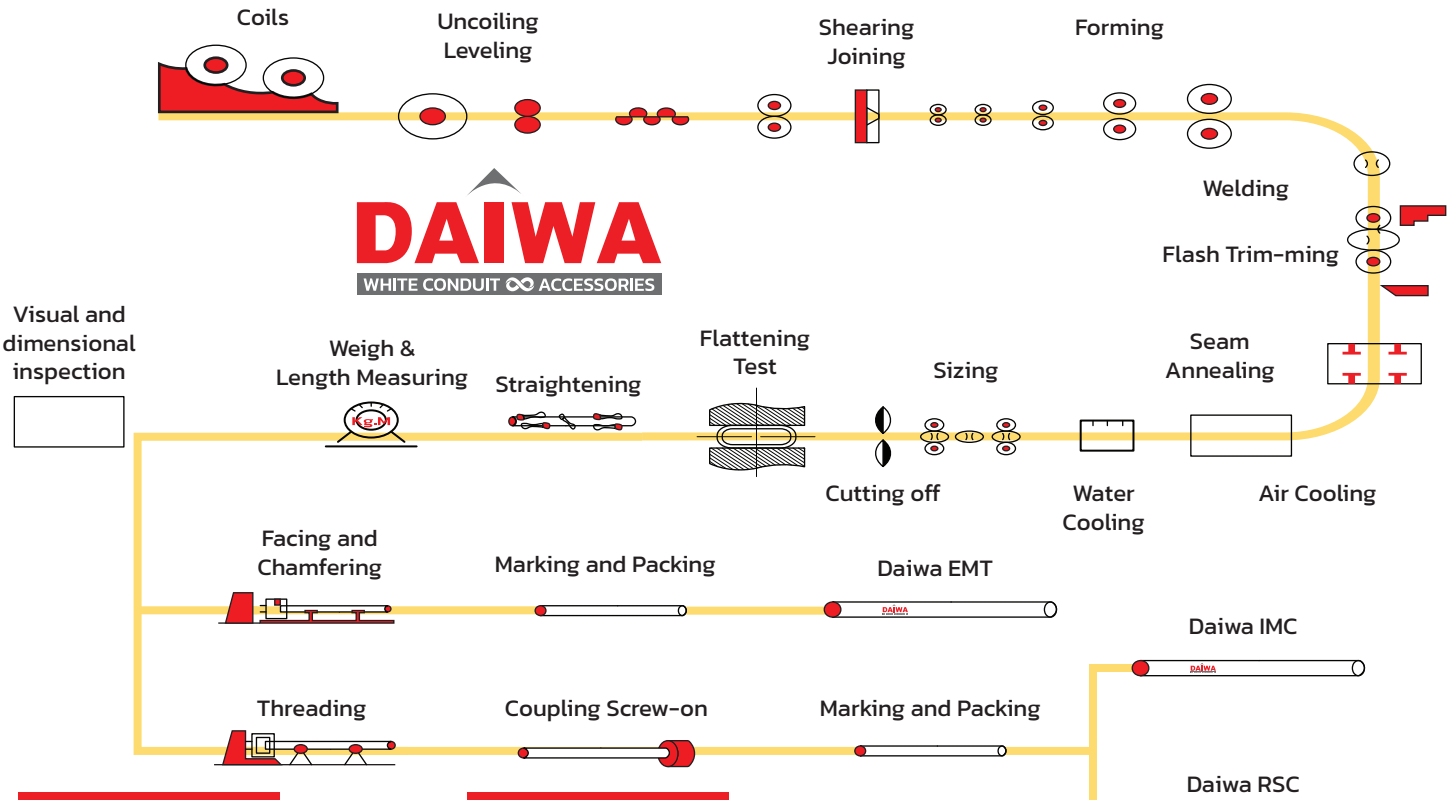
Choose "DAIWA"

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Production Process











Product Property

Non-Flammable
DAIWA pipes are flame-retardant.

Cost Saving
Help you save on costs.

90 Degree
Bending Property
Can be bent up to 90 degrees.

LISTED
Comply with UL Standard

EMT

(Electrical Metallic Tubing)

Application

Made from full-hot dipped galvanized steel pipe, diameter range from 1/2" to 2" with 10 feet length (3 meters). Able to install inside or outside the building, can be installed on the wall or inside the wall.

EMT – Product Standard : UL797 , ANSI C80.3 , TIS 770 – 2567

Applicable Tolerances : Length ; +/– 6 mm.

Outside Diameter :
for trade size 1/2"–2" : +/– 0.13 mm.



Trade Size Designator		Normal Outside Diameter	Reference Wall Thickness	Length	Minimum Weigth Per 10 Unit Length
U.S.	Metric	mm.	mm.	mm.	kg.
1/2"	16	17.93	1.067	3 050 +/– 6	12.93
3/4"	21	23.42	1.245	3 050 +/– 6	19.73
1"	27	29.54	1.448	3 050 +/– 6	29.03
1–1/4"	35	38.35	1.651	3 050 +/– 6	43.09
1–1/2"	41	44.20	1.651	3 050 +/– 6	49.90
2"	53	55.80	1.651	3 050 +/– 6	63.50

IMC

(Intermediate Metallic Tubing)

Application

Made from full-hot dipped galvanized steel pipe, diameter range from 1/2" to 4" with 10 feet length (3 meters). Able to install inside or outside the building, can be installed on the wall or inside the wall.

IMC – Product Standard : UL1242 , ANSI C80.6 , TIS 770 – 2567

Applicable Tolerances : Length ; +/– 6 mm.



Outside Diameter :
for trade size 1/2"–2" : +/– 0.2 mm.
for trade size 2–1/2"–4" : +/– 0.3 mm.

Wall Thickness :
for trade size 1/2"–1" : +0.40 mm.
for trade size 1–1/4"–4" : +0.50 mm.

Trade Size Designator		Norminal Outside Diameter	Reference Wall Thickness	Length without Coupling	Minimum Weigth Per 10 Unit Length include Coupling Attached
U.S.	Metric	mm.	mm.	mm.	kg.
1/2"	16	20.57	1.79	3 030	25.4
3/4"	21	26.01	1.90	3 030	34.6
1"	27	32.64	2.16	3 025	49.9
1–1/4"	35	41.40	2.16	3 025	64.3
1–1/2"	41	47.62	2.29	3 025	79.1
2"	53	59.74	2.41	3 025	105.2
2–1/2"	63	72.31	3.56	3 010	186.2
3"	78	88.04	3.56	3 010	229.0
3–1/2"	91	100.61	3.56	3 005	263.0
4"	103	113.18	3.56	3 005	296.1

RSC

(Rigid Steel Conduit)

Application

Made from full-hot dipped galvanized steel pipe, diameter range from 1/2" to 6" with 10 feet length (3 meters). Able to install inside or outside the building, can be installed on the wall or inside the wall, underground and durable with the explosion.

RSC – Product Standard : UL6 , ANSI C80.1 , TIS 770 – 2567



Trade Size Designator		Norminal Outside Diameter	Reference Wall Thickness	Length without Coupling	Minimum Weigth Per 10 Unit Length include Coupling Attached
U.S.	Metric	mm.	mm.	mm.	kg.
1/2"	16	21.34	2.64	3 030	35.83
3/4"	21	26.67	2.72	3 030	47.63
1"	27	33.40	3.20	3 025	69.40
1-1/4"	35	42.16	3.38	3 025	91.17
1-1/2"	41	48.26	3.51	3 025	112.95
2"	53	60.33	3.71	3 025	150.60
2-1/2"	63	73.03	4.90	3 010	239.05
3"	78	88.90	5.21	3 010	309.63
3-1/2"	91	101.60	5.46	3 005	376.94
4"	103	114.30	5.72	3 005	441.04
5"	129	141.30	6.22	2 995	595.85
6"	155	168.28	6.76	2 995	791.67

Applicable Tolerances : Length ; +/- 6 mm.

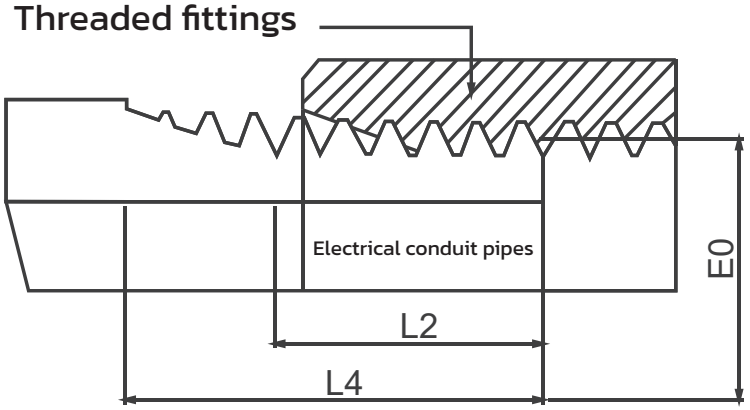
Outside Diameter :
for trade size 1/2"-1-1/2" : +/- 0.38 mm.
for trade size 2"-6" : +/- 1%

Wall Thickness : -12.5%

Dimension of Threads

Trade Size Designator		Number of Threads Per 25.4 mm.	L4 Total Length of Threads	L2 Effective Length of Threads	E0 Pitch Diameter at End of Conduit
U.S.	Metric	-	mm.	mm.	mm.
1/2"	16	14	19.8	13.5	19.3
3/4"	21	14	20.1	14.0	24.6
1"	27	11.5	24.9	17.3	30.8
1-1/4"	35	11.5	25.7	18.0	39.5
1-1/2"	41	11.5	26.2	18.3	45.6
2"	53	11.5	26.9	19.3	57.6
2-1/2"	63	8	39.9	29.0	69.1
3"	78	8	41.4	30.5	84.9
3-1/2"	91	8	42.7	31.8	97.5
4"	103	8	43.9	33.0	110.1
5"	129	8	46.7	35.8	136.9
6"	155	8	49.5	38.4	163.7

Threaded fittings





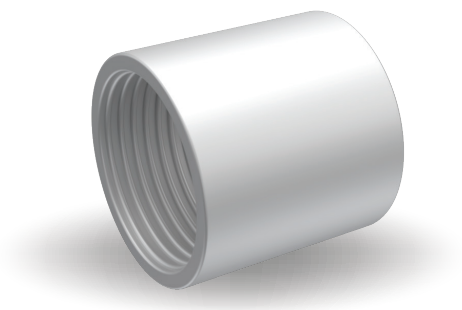
Bend dimensions

Trade Size Designator		Metric Units	
		Minimum Radius to center of Tubing	Maximum Straight Length Ls Each End
U.S.	Metric	mm.	mm.
1/2"	16	102	38
3/4"	21	114	38
1"	27	146	48
1-1/4"	35	184	51
1-1/2"	41	210	51
2"	53	241	51
2-1/2"	63	267	76
3"	78	330	79
3-1/2"	91	381	83
4"	103	406	86
5"	129	610	92
6"	155	762	95



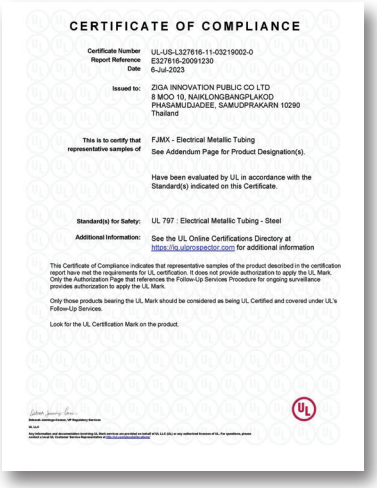
Threaded Coupling

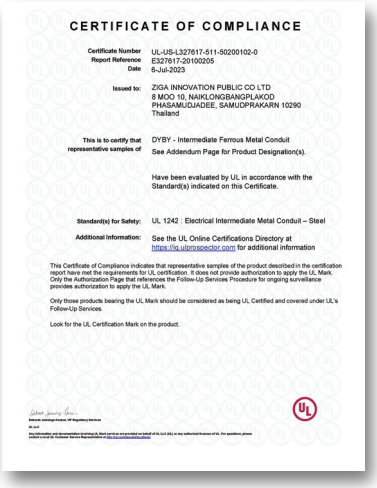
Trade Size Designator		Outside Diameter	Length	Minimum Weigth
U.S.	Metric	mm.	mm.	mm.
1/2"	16	25.7	41.3	0.052
3/4"	21	31.8	41.7	0.077
1"	27	38.7	50.0	0.136
1-1/4"	35	47.5	51.6	0.168
1-1/2"	41	54.7	52.4	0.234
2"	53	67.3	54.0	0.304
2-1/2"	63	82.6	81.0	0.760
3"	78	98.3	84.1	0.946
3-1/2"	91	114.3	86.5	1.157
4"	103	123.8	89.3	1.288
5"	129	152.4	100	2.024
6"	155	182.9	108	3.303



Certifications













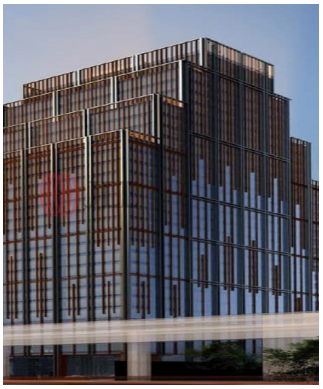




Project Reference



Oasis



Siam Pathum House



One Bangkok



Srinagarind Medical
Center Building, Khon Kaen



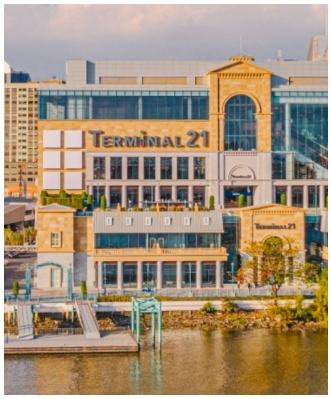
Nan Hospital
Building and Parking Area



Rama 3 – Outer Ring Road
Expressway Project



Chip Monk Tower



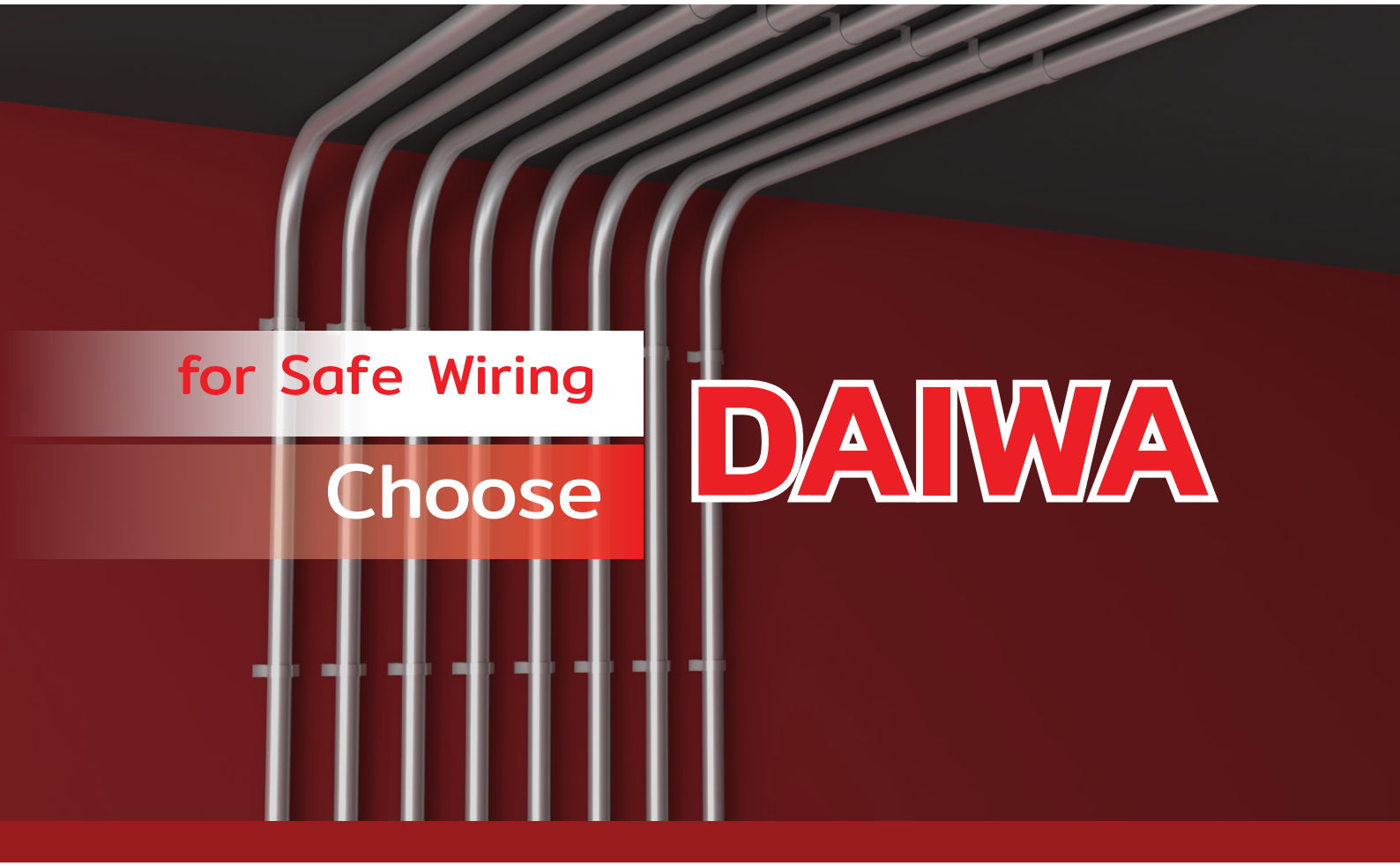
Terminal 21 Rama 3



Central Si-Racha

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WHITE CONDUIT ACCESSORIES



for Safe Wiring

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