

Panasonic

ideas for life

WHITE CONDUIT
POLYETHYLENE-LINING STEEL PIPE
STAINLESS STEEL CONDUIT PIPE



White Conduit Pipe and fittings (UL, BS)



White conduit (JIS)



Stainless Steel Pipe



Polyethylene-Lining Steel Pipe



Certificate No. TH98/4954



Certificate No. TH99/6248

Certificates

ISO 9001 & ISO 14001



Certificate No. TH98/4954



Certificate No. TH99/6248

Certification Acquired Worldwide



UL 44051 (EMT)



UL 62193 (IMC)



UL 157617 (RSC)



TIS 770

Compliances

	
Declaration of Test Results	
B/SI Product Services hereby declares that the item described below has been tested by B/SI and complies with the requirements of	
BSI Order Part 1-970	
The complete details of the tests performed and the results are recorded in	
B/SI Test Report No. 02/000101 Dated 14 June 2002	
Description of item tested	
12 in diameter galvanneal steel coil 12 in diameter galvanneal steel coil 12 in diameter galvanneal steel coil	
Submitted by:	East Manassas Steel Co., Ltd 514 W. 21st Street Richmond, Virginia 23218 USA Tel: 804-745-1100
Declaration authorized by:	
	
Title	Principal Engineer
Date	12 June 2002
ES&I warrants the conformity and use of the equipment described above for the application and conditions of use specified in the B/SI Product Services Manual. ES&I does not warrant the equipment for any other application or conditions of use. ES&I is not responsible for any damage or injury resulting from the use of the equipment for any application or conditions of use other than those specified in the B/SI Product Services Manual.	
ES&I Product Services, 14000 Lee Avenue, New Hampshire, 03840-0001 (P) 603-882-1000	

BS 4568 : Part 1

Test Report		 Product Services
Report to:	288 (040055) This Report consists of 5 pages	
Client:	East Westrite Bore Co. Ltd 1 to 1000's Testator Road Basingstoke Hants RG24 0JG Southampton 101-30 England	
Authority & Use:	Customer Acceptance From Client dated 8 July 2004	
Items tested:	Mastodon Control Fittings	
Specification:	BS 6858 Part 2/10 Classes 6, 7 and 9 Uncoated Test	
Results:	See Summary of results on page 2	
Prepared by:	G Mordaunt	Engineer
Authorised by:	G T Dalt	Principal Engineer
Issue Date:	28 September 2004	
Conditions of sale:	This Report is issued under the conditions set out in clause 6 of BSI's General Conditions of Sale. The customer's attention is drawn to the fact that the Report is issued on the basis of the information provided by the customer and that the Report is not a guarantee of performance. The customer is responsible for ensuring that the Report is used for the purpose for which it was issued and that it is not used in any way which would be a breach of the conditions of sale.	
BS 6858 Part 2/10 Classes 6, 7 and 9 Uncoated Test		

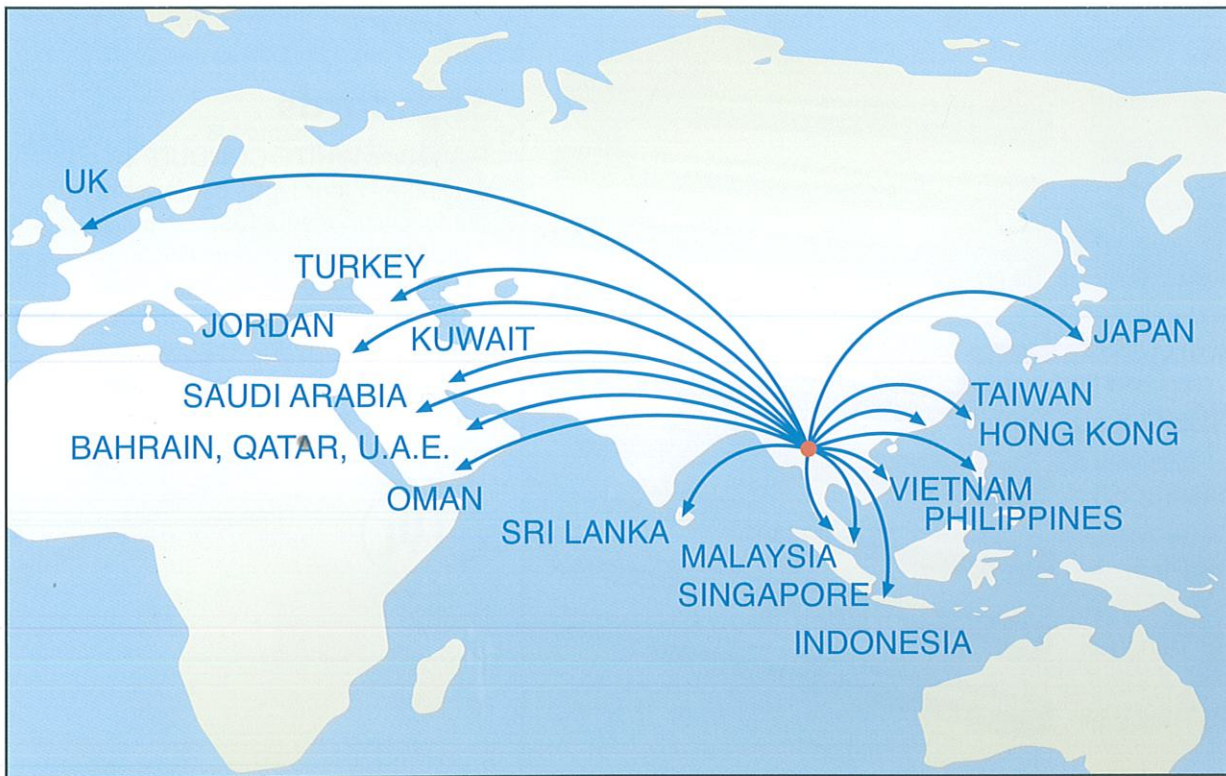
BS 4568 : Part 2

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BS 31

Sales

We are proud of our sales records both in Thailand and export to overseas to South-East and North-East Asia, Middle East and Europe.



Outstanding Features of Panasonic White Conduit

Superior galvanizing by in-line hot-dip process for greater protection against corrosion. Finished with durable and clear anti-corrosion coating for higher protection outside and higher grade epoxy coating inside.

Features

1) Easy and accurate bending

Panasonic White Conduit is made of high quality steel and processed by high frequency induction welding to prevent cracking when bend.

2) Easy wire pushing and pulling

The high-grade stoved epoxy resin coating on the inside wall makes wire-pulling easy, and protects against corrosion.

3) Easy coupling and fast installation

Precise, sharp threads cut by automated machinery mean fast and easy installation. Precise thread also makes our conduit virtually moisture-tight.

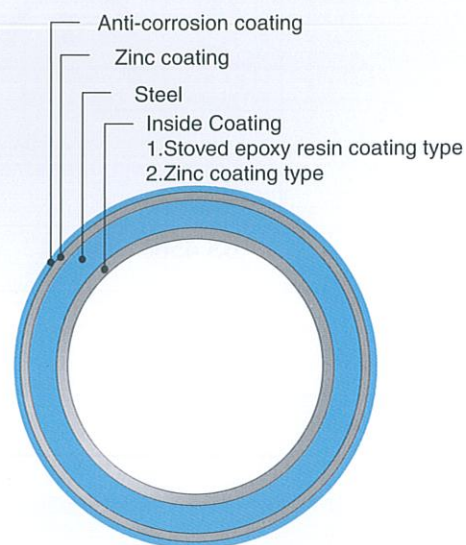
4) High corrosion resistance

Pure zinc coating on the exterior wall and stoved epoxy resin finish on the inside protects WHITE CONDUIT from corrosion, even by harsh chemicals and sea air.

5) Uniform quality

Flat steel is rolled, zinc-coated and threaded in one continuous automated process for uniform high quality.

CROSS-SECTIONAL VIEW OF Panasonic WHITE CONDUIT



EMT



IMC



RSC



BS 31 CLASS 3



BS4568 CLASS 3



BS4568 CLASS 4



JIS Plain



JIS Thin Wall



JIS Thick Wall



Standards

Panasonic WHITE CONDUIT is available in four types conforming to the following standards:

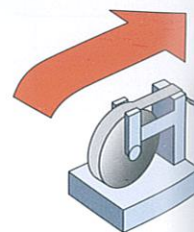
- * UL/ANSI (EMT, IMC and RSC)
- * BS (BS31-1940 and BS4568-1970)
- * TIS770
- * JIS (Plain, Thin Wall and Thick Wall)



Underwriters
Laboratories Inc.®



THAI INDUSTRIAL
STANDARD



1) Uncoiling

Flow Chart of Manufacturing Process

1) Uncoiling

High quality strip steel coils are uncoiled and sent to the forming mills.

2) Coil-end welding

Both ends of the coils are welded to form a single strip.

3) Temporary coil-storing

Strip steel is stored here temporarily for coil end welding without stopping the main line.

4) Cleaning

All surface scale and oil on the strip steel are removed to assure accurate forming and rigid welding.

5) Forming

The flat strip steel is rolled into basic tubing.

6) Welding

Basic tubes are welded by a high frequency induction welder. This type of welding assures rigidity, splitting-resistance and effectively eliminates inside flash.

7) Inside coating

The inside wall of the conduit is coated with epoxy resin.

8) Cleaning

All surface scale and oil are removed from the tubing prior to galvanizing.

9) In-line Hot-Dip Galvanizing

The exterior of the tubing is uniformly and rigidly galvanized by a patented inline hot dip process.

10) Cooling

The heated galvanized tubing is cooled.

11) Sizing

The cooled, galvanized tubing is rolled to precise outside diameters in accordance with customer specifications.

12) Anti-corrosion coating

For protection in addition to zinc coating, the galvanized surface is finished with a clear anti-corrosion coating.

13) Cutting

Tubing is square-cut to the specified lengths.

14) Chamfering and threading

Both ends of the cut conduit are chamfered and threaded to precise tolerance.

15) Marking

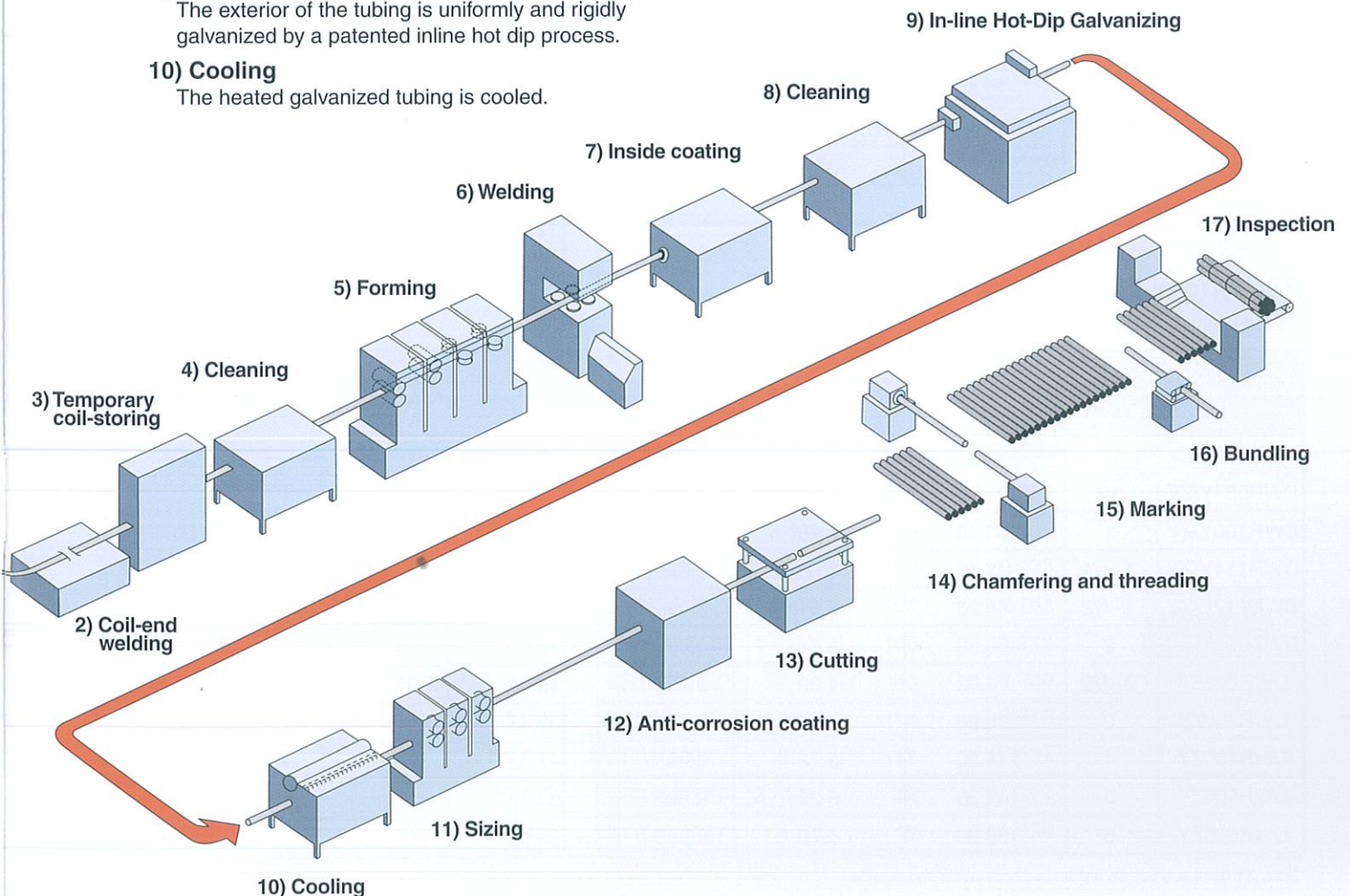
Brand name, size, standards, production codes, etc. are marked on the conduit.

16) Bundling

Finished conduit is steel strapped into approximately one metric ton bundle.

17) Inspection

At all steps of production, strict quality control is enforced. Unless customer specifies UL, or other certificates, all conduit is inspected according to factory specifications.



White Conduit & Conduit Fittings

ANSI/UL

EMT (Electrical Metallic Tubing)

Listed by "UL" File No. E-44051

UL 797

Item No.	Size (inch)	Outside Diameter (mm)	Minimum Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DWE012Y	1/2	17.93	1.02	3,048	1.46	10	500
DWE034Y	3/4	23.42	1.18	3,048	2.21	10	300
DWE100Y	1	29.54	1.37	3,048	3.08	5	200
DWE114Y	1 - 1/4	38.35	1.57	3,048	4.74	5	125
DWE112Y	1 - 1/2	44.20	1.57	3,048	5.49	5	100
DWE200Y	2	55.80	1.57	3,048	6.99	3	75

IMC (Intermediate Metal Conduit)

Listed by "UL" File No. E-62193

UL 1242

Item No.	Size (inch)	Outside Diameter (mm)	Minimum Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DWM012Y	1/2	20.70	1.79	3,030	2.85	10	300
DWM034Y	3/4	26.14	1.90	3,030	3.94	10	250
DWM100Y	1	32.77	2.16	3,025	5.23	5	125
DWM114Y	1 - 1/4	41.59	2.16	3,025	7.48	3	75
DWM112Y	1 - 1/2	47.81	2.29	3,025	8.67	3	75
DWM200Y	2	59.93	2.41	3,025	11.65	-	50
DWM212Y	2 - 1/2	72.56	3.56	3,010	18.71	-	40
DWM300Y	3	88.29	3.56	3,010	22.87	-	30
DWM312Y	3 - 1/2	100.86	3.56	3,005	26.43	-	20
DWM400Y	4	113.40	3.56	3,005	29.84	-	15

RSC (Rigid Steel Conduit)

Listed by "UL" File No. E-157617

UL 6

Item No.	Size (inch)	Outside Diameter (mm)	Minimum Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DWR012Y/ZY	1/2	21.34	2.64	3,030	3.75	10	300
DWR034Y/ZY	3/4	26.67	2.72	3,030	4.96	10	250
DWR100Y/ZY	1	33.40	3.20	3,025	7.33	5	125
DWR114Y/ZY	1 - 1/4	42.16	3.38	3,025	9.97	3	75
DWR112Y/ZY	1 - 1/2	48.26	3.51	3,025	11.94	3	75
DWR200Y/ZY	2	60.33	3.71	3,025	16.00	-	50
DWR212ZY	2 - 1/2	73.03	4.90	3,010	25.62	-	40
DWR300ZY	3	88.90	5.21	3,010	33.43	-	30
DWR400ZY	4	114.30	5.72	3,005	47.38	-	15
DWR500ZY	5	141.30	6.22	2,995	64.38	-	10
DWR600ZY	6	168.28	6.76	2,995	84.05	-	5

*Note: ZY Items are hot-dip galvanized both inside and outside.

Normal Bends <for EMT>

Listed by "UL" File No. E-44051

UL797

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DSE 04012Y	1/2	80	0.10
DSE 04034Y	3/4	35	0.20
DSE 04100Y	1	36	0.40
DSE 04114Y	1 - 1/4	20	0.60
DSE 04112Y	1 - 1/2	28	0.80
DSE 04200Y	2	15	1.10

Connector (Steel) <for EMT>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFM 020122Y	1/2	300	0.040
DFM 020342Y	3/4	200	0.066
DFM 021002Y	1	100	0.086

Normal Bends <for IMC>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFM 13012Y	1/2	54	0.30
DFM 13034Y	3/4	50	0.40
DFM 13100Y	1	30	0.80
DFM 13114Y	1 - 1/4	36	1.00
DFM 13112Y	1 - 1/2	21	1.40
DFM 13200Y	2	10	2.50
DFM 13212Y	2 - 1/2	1	4.80
DFM 13300Y	3	1	6.60
DFM 13312Y	3 - 1/2	1	8.90
DFM 13400Y	4	1	12.30

Normal Bends <for RSC>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFR13012Y/ZY	1/2	54	0.32
DFR13034Y/ZY	3/4	50	0.46
DFR13100Y/ZY	1	30	0.88
DFR13114Y/ZY	1 - 1/4	36	1.60
DFR13112Y/ZY	1 - 1/2	21	2.11
DFR13200Y/ZY	2	10	3.20
DFR13212Y	2 - 1/2	1	5.70
DFR13300ZY	3	1	9.12
DFR13312ZY	3 - 1/2	1	17.02
DFR13400ZY	4	1	18.48

Couplings (Steel) <for EMT>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DSE 01012Y	1/2	300	0.038
DSE 01034Y	3/4	200	0.071
DSE 01100Y	1	100	0.095
DSE 01114Y	1 - 1/4	60	0.147
DSE 01112Y	1 - 1/2	60	0.178
DSE 01200Y	2	30	0.261

Flexible Conduit

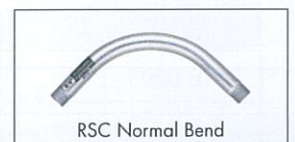
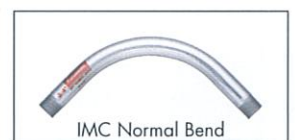
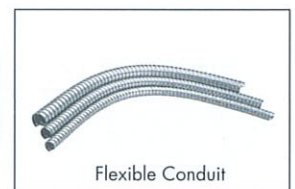
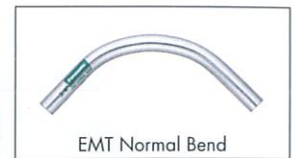
Item No.	Size (inch)	Outside diameter (mm)	Standard pack (m / Roll)	Weight kg/pc
DME 012	1/2	21.84 ~ 23.37	30	7.80
DME 034	3/4	26.54 ~ 28.07	30	9.70
DME 100	1	33.02 ~ 35.05	15	5.80

Couplings (Steel) <for IMC>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFM 11012Y	1/2	250	0.059
DFM 11034Y	3/4	200	0.090
DFM 11100Y	1	150	0.125
DFM 11114Y	1 - 1/4	100	0.187
DFM 11112Y	1 - 1/2	100	0.219
DFM 11200Y	2	40	0.330
DFM 11212Y	2 - 1/2	18	0.770
DFM 11300Y	3	18	0.837
DFM 11312Y	3 - 1/2	12	1.182
DFM 11400Y	4	12	1.336

Couplings (Steel) <for RSC>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFR11012Y/ZY	1/2	250	0.059
DFR11034Y/ZY	3/4	200	0.090
DFR11100Y/ZY	1	150	0.125
DFR11114Y/ZY	1 - 1/4	100	0.187
DFR11112Y/ZY	1 - 1/2	100	0.219
DFR11200Y/ZY	2	40	0.330
DFR11212ZY	2 - 1/2	18	0.770
DFR11300ZY	3	18	0.837
DFR11312ZY	3 - 1/2	12	1.182
DFR11400ZY	4	12	1.336



White Conduit & Conduit Fittings

BS31

Threaded conduit - Medium/Heavy protection (Class 3)

BS31: 1940

Item No.	Size (inch)	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DWB 0343S	3/4	18.92	1.60	3,048	2.11	10	350
DWB 0343L				3,810	2.63	10	350
DWB 1003S	1	25.27	1.60	3,048	2.90	10	250
DWB 1003L				3,810	3.61	10	250
DWB 1143S	1-1/4	31.62	1.60	3,048	3.69	7	210
DWB 1143L				3,810	4.59	7	210
DWB 1123S	1-1/2	37.96	1.80	3,048	5.00	5	150
DWB 1123L				3,810	6.23	5	150
DWB 2003S	2	50.66	2.00	3,048	7.49	3	90
DWB 2003L				3,810	9.32	3	90

Couplings (Steel)

Item No.	Size (inch)	Standard Pack (pcs)	Weight kg/pc
DFB 11034	3/4	500	0.028
DFB 11100	1	300	0.048
DFB 11114	1 -1/4	250	0.076
DFB 11112	1 -1/2	100	0.110
DFB 11200	2	100	0.176



BS4568

Threaded conduit - Medium/heavy protection (Class 3)

BS4568: Part 1: 1970

Item (No.)	Size (mm)	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DWB 0203	20	19.85	1.60	3,750	2.72	10	350
DWB 0253	25	24.80	1.60	3,750	3.48	10	250
DWB 0323	32	31.80	1.60	3,750	4.54	7	210

Threaded conduit - Heavy protection (Class 4)

BS4568: Part 1: 1970

Item (No.)	Size (mm)	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DWB 0204	20	19.85	1.60	3,750	2.92	10	350
DWB 0254	25	24.80	1.60	3,750	3.71	10	250
DWB 0324	32	31.80	1.60	3,750	4.84	7	210

White Conduit & Conduit Fittings

Coupling-Heavy protection (Class4)

BS4568: Part 1: 1970

	Item No.	Size (mm)	Standard Pack (pcs/Box)	Weight kg/pc
	DFB 11020	20	500	0.036
	DFB 11025	25	300	0.052
	DFB 11032	32	250	0.078

Circular box malleable (Deep)

BS4568: Part 2: 1970

	Item No.		Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 3120	Terminal	20	5	40	0.46
	DSG 3220	Through	20	5	40	0.48
	DSG 3320	Tee	20	5	40	0.48
	DSG 3420	Intersection	20	5	40	0.50
	DSG 3520	Angle	20	5	40	0.52

Circular box malleable (Standard)

BS4568: Part 2: 1970

	Item No.		Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 2120	Terminal	20	10	80	0.24
	DSG 2220	Through	20	10	80	0.26
	DSG 2320	Tee	20	10	80	0.26
	DSG 2420	Intersection	20	10	80	0.28
	DSG 2520	Angle	20	10	80	0.30

Circular box malleable (Standard)

BS4568: Part 2: 1970

	Item No.		Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 2125	Terminal	25	10	80	0.26
	DSG 2225	Through	25	10	80	0.28
	DSG 2325	Tee	25	10	80	0.28
	DSG 2425	Intersection	25	10	80	0.30
	DSG 2525	Angle	25	10	80	0.32

Elbow malleable (Normal)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0520	25	15	150	0.14
	DSG 0525	25	10	80	0.28

Elbow malleable (Inspection)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0520-C	20	15	150	0.15
	DSG 0525-C	25	10	80	0.30

Bend (Normal)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0720	20	10	120	0.15
	DSG 0725	25	6	72	0.26

Bend malleable (Inspection)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0720-C	20	10	100	0.19
	DSG 0725-C	25	10	80	0.25

Tee malleable (Inspection)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0920-C	20	10	100	0.19
	DSG 0925-C	25	10	80	0.25

Circular box cover

	Item No.	Standard Pack (pcs)		Weight kg/pc
	DSG 2620	Inner box	Outer box	
		150	600	0.04

Extension malleable

	Item No.	Standard Pack (pcs)		Weight kg/pc
	DSG 138	Inner box	Outer box	
		12	120	0.21

Saddle (Spacer Bar)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0620	20	200	800	0.025
	DSG 0625	25	200	800	0.028
	DSG 0632	32	100	400	0.038

Saddle (Distance)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0820	20	100	400	0.066
	DSG 0825	25	60	240	0.078
	DSG 0832	32	40	160	0.124

Locknut (Heavy Gauge)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0020	20	200	800	0.018
	DSG 0025	25	100	400	0.038
	DSG 0032	32	100	400	0.047

Locknut (Light gauge)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0420	20	300	1,200	0.009
	DSG 0425	25	200	800	0.014
	DSG 0432	32	150	600	0.023

Brass male bushing (Long)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0120	20	100	1,000	0.016
	DSG 0125	25	50	500	0.028
	DSG 0132	32	25	250	0.044

Brass male bushing (Short)

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0220	20	100	1,000	0.014
	DSG 0225	25	50	500	0.020
	DSG 0232	32	50	500	0.024

Brass female bushing

	Item No.	Size (mm)	Standard Pack (pcs)		Weight kg/pc
	DSG 0320	20	200	2,000	0.007
	DSG 0325	25	150	1,500	0.010
	DSG 0332	32	100	1,000	0.011

White Conduit & Conduit Fittings

JIS

Plain conduit (Threadless)

JIS C 8305

Item No.	Size	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DW 819T	E 19	19.1	1.20	3,660	1.94	10	400
DW 825T	E 25	25.4	1.20	3,660	2.62	10	250
DW 831T	E 31	31.8	1.40	3,660	3.84	7	175
DW 839T	E 39	38.1	1.40	3,660	4.64	5	125
DW 851T	E 51	50.8	1.40	3,660	6.24	3	75
DW 863T	E 63	63.5	1.60	3,660	8.94	-	50
DW 875T	E 75	76.2	1.80	3,660	12.09	-	40

Thin wall conduit (Threaded)

JIS C 8305

Item No.	Size	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DW 119T	C 19	19.1	1.60	3,660	2.53	10	400
DW 125T	C 25	25.4	1.60	3,660	3.44	10	250
DW 131T	C 31	31.8	1.60	3,660	4.36	7	175
DW 139T	C 39	38.1	1.60	3,660	5.27	5	125
DW 151T	C 51	50.8	1.60	3,660	7.11	3	75
DW 163T	C 63	63.5	2.00	3,660	11.10	-	50
DW 175T	C 75	76.2	2.00	3,660	13.40	-	40

Thick wall conduit (Threaded)

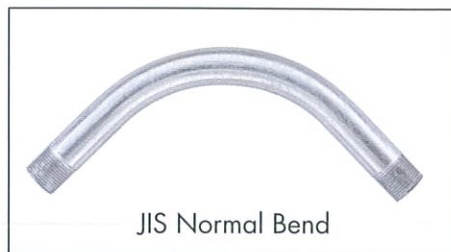
JIS C 8305

Item No.	Size	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DW 216T	G 16	21.0	2.30	3,660	3.88	10	250
DW 222T	G 22	26.5	2.30	3,660	5.02	10	175
DW 228T	G 28	33.3	2.50	3,660	6.95	7	125
DW 236T	G 36	41.9	2.50	3,660	8.89	5	75
DW 242T	G 42	47.8	2.50	3,660	10.22	3	75
DW 254T	G 54	59.6	2.80	3,660	14.35	-	50
DW 270T	G 70	75.2	2.80	3,660	18.30	-	40
DW 282T	G 82	87.9	2.80	3,660	21.51	-	30
DW 392T	G 92	100.7	3.50	3,660	30.71	-	20
DW 394T	G 104	113.4	3.50	3,660	34.72	-	20

Normal Bend

JIS C 8330

Item No.	Size	Standard Pack (pcs)	Weight kg/pc
DF1316T	G 16	50	0.24
DF1322T	G 22	50	0.41
DF1328T	G 28	25	0.62
DF1336T	G 36	15	0.95
DF1342T	G 42	10	1.40
DF1354T	G 54	15	2.24
DF1370T	G 70	8	3.83
DF1382T	G 82	8	4.80
DF1392T	G 92	4	8.90
DF1304T	G 104	4	9.80



Coupling (Steel)

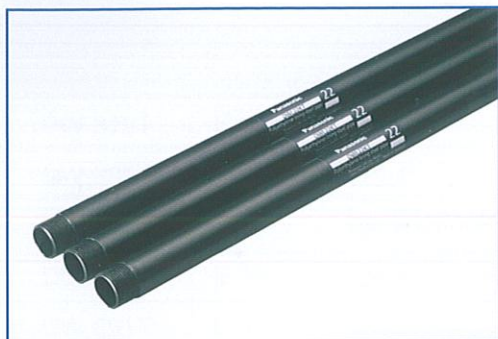
JIS C 8330

Item No.	Size	Standard Pack (pcs)	Weight kg/pc
DF1116T	G 16	300	0.051
DF1122T	G 22	200	0.086
DF1128T	G 28	200	0.117
DF1136T	G 36	100	0.226
DF1142T	G 42	50	0.230
DF1154T	G 54	50	0.460
DF1170T	G 70	20	0.669
DF1182T	G 82	20	0.889
DF1192T	G 92	10	0.987
DF1104T	G104	5	1.257

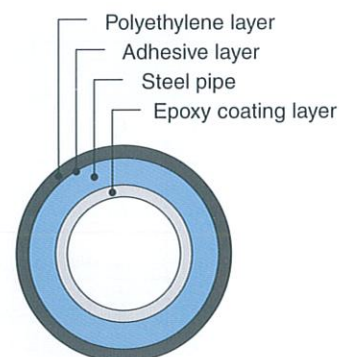
Corrosion resistant steel pipe for cables

Polyethylene-Lining Steel Pipe

Threaded



Non-Threaded



Suitable for use as either exposed or buried conduit in areas where high corrosion resistance is required

- The excellent adhesion between the steel pipe and polyethylene eliminates separation and cracking when the pipe is bent.
- Main use: Water purification plants for water and sewer systems, areas exposed to chemical damage (chemical plants, etc.), areas exposed to salt damage (coastal facilities, etc.) building rooftops, connecting bridge corridors for schools, etc.

Polyethylene-Lining Steel Pipe

Polyethylene-lining steel pipe (Threaded)

Color of polyethylene outer layer: black

Item No.	Nominal size	Outside diameter (mm)	Steel pipe thickness (mm)	Outer coated thickness (mm)	Length (mm)	Nominal weight (kg/pc)
DWL 16KT	G 16	22.20	2.30	0.6	3,660	3.88
DWL 22KT	G 22	27.70	2.30	0.6	3,660	5.01
DWL 28KT	G 28	34.50	2.50	0.6	3,660	6.95
DWL 36KT	G 36	43.10	2.50	0.6	3,660	8.89
DWL 42KT	G 42	49.00	2.50	0.6	3,660	10.21
DWL 54KT	G 54	60.80	2.80	0.6	3,660	14.35
DWL 70KT	G 70	76.40	2.80	0.6	3,660	18.30
DWL 82KT	G 82	89.10	2.80	0.6	3,660	21.52
DWL 92KT	G 92	101.90	3.50	0.6	3,660	30.71
DWL 04KT	G 104	114.60	3.50	0.6	3,660	34.70

Polyethylene-lining steel pipe (Non-Threaded)

Color of polyethylene outer layer: black

Item No.	Nominal size	Outside diameter (mm)	Steel pipe thickness (mm)	Outer coated thickness (mm)	Length (mm)	Nominal weight (kg/pc)
DWL 16PT	16	22.20	2.30	0.6	3,670	3.88
DWL 22PT	22	27.70	2.30	0.6	3,670	5.01
DWL 28PT	28	34.50	2.50	0.6	3,670	6.95
DWL 36PT	36	43.10	2.50	0.6	3,670	8.89
DWL 42PT	42	49.00	2.50	0.6	3,670	10.21
DWL 54PT	54	60.80	2.80	0.6	3,675	14.35
DWL 70PT	70	76.40	2.80	0.6	3,675	18.30
DWL 82PT	82	89.10	2.80	0.6	3,675	21.52
DWL 92PT	92	101.90	3.50	0.6	3,675	30.71
DWL 04PT	104	114.60	3.50	0.6	3,675	34.70

Polyethylene-lining steel pipe Fittings

Item No.	Nominal size	D (mm)	L (mm)	Weight kg/pc
DWL 16CT	G 16	26.0	39	0.05
DWL 22CT	G 22	32.0	45	0.08
DWL 28CT	G 28	38.5	51	0.11
DWL 36CT	G 36	49.5	57	0.22
DWL 42CT	G 42	55.5	57	0.26
DWL 54CT	G 54	69.0	65	0.45
DWL 70CT	G 70	85.0	73	0.67
DWL 82CT	G 82	98.0	81	0.90
DWL 92CT	G 92	111.5	86	1.19
DWL 04CT	G 104	124.5	91	1.46

Coupling

•PE Coated



Normal bend (Threaded)

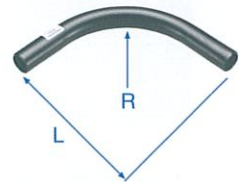
•PE Coated



Item No.	Nominal size	R (mm)	L (mm)	Weight kg/pc
DWL 16NT	G 16	90	150	0.24
DWL 22NT	G 22	110	180	0.41
DWL 28NT	G 28	140	215	0.62
DWL 36NT	G 36	170	250	0.95
DWL 42NT	G 42	210	295	1.40
DWL 54NT	G 54	235	345	2.24
DWL 70NT	G 70	275	425	3.83
DWL 82NT	G 82	310	510	4.80
DWL 92NT	G 92	355	575	8.90
DWL 04NT	G 104	395	645	9.80

Set screw normal bend

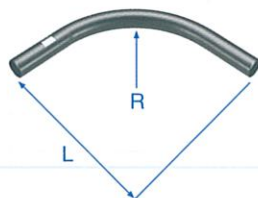
•PE Coated



Item No.	Nominal size	R (mm)	L (mm)	Weight kg/pc
DWL 316T	16	90	150	0.24
DWL 322T	22	110	180	0.41
DWL 328T	28	140	215	0.62
DWL 336T	36	170	250	0.95
DWL 342T	42	210	295	1.40
DWL 354T	54	235	345	2.24
DWL 370T	70	275	425	3.83
DWL 382T	82	310	510	4.80
DWL 392T	92	355	575	8.90
DWL 304T	104	395	645	9.80

Set screw normal bend big

•PE Coated



Item No.	Nominal size	R (mm)	L (mm)	Weight kg/pc
DWL 3361T	36	225	355	1.5
DWL 3421T	42	315	455	2.2
DWL 3541T	54	333	513	3.5
DWL 3701T	70	600	830	7.0
DWL 3821T	82	600	860	8.6
DWL 3921T	92	600	900	12.9
DWL 3041T	104	800	1,140	18.4

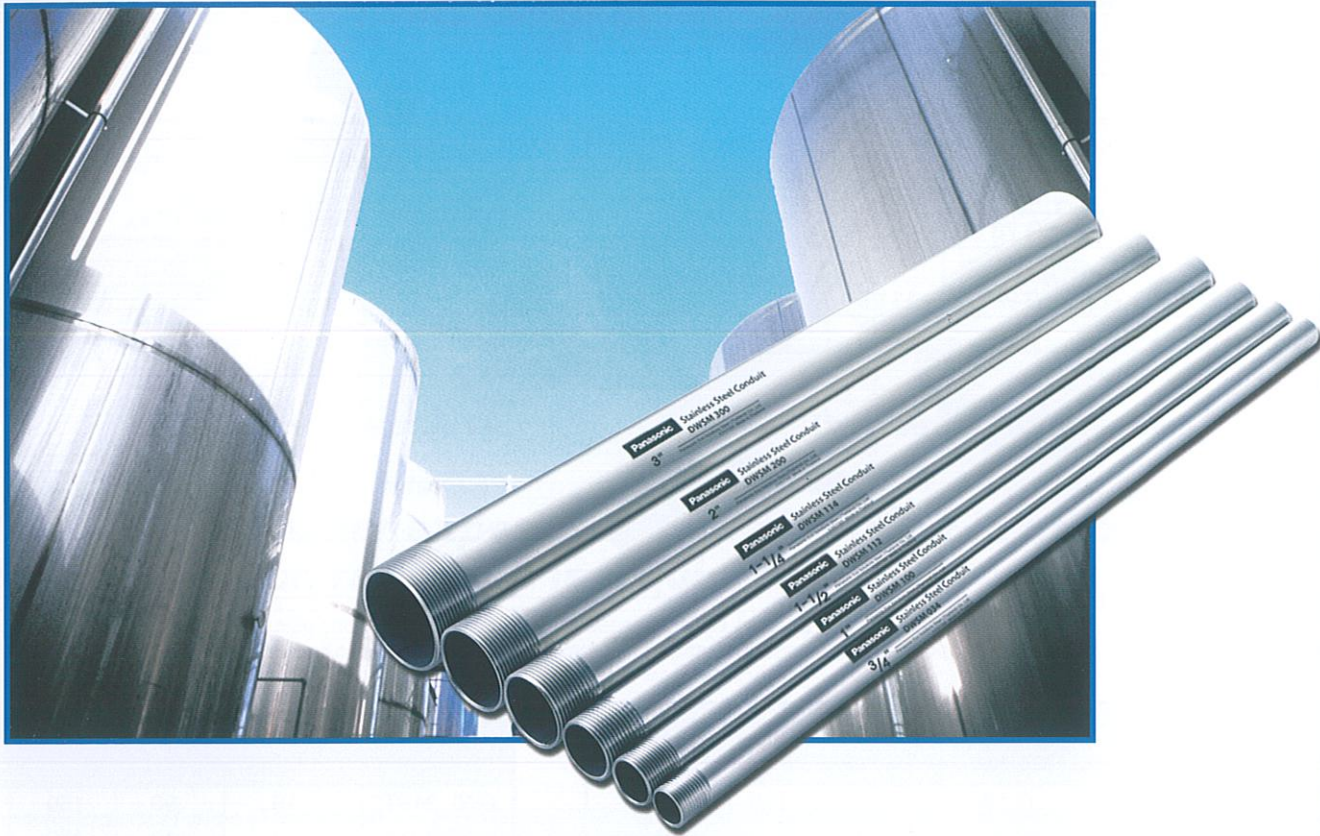
Bellmouth pipe

•PE Coated



Item No.	Nominal size	D (mm)	L (mm)	Weight kg/pc
DWL 516T	16	28	400	0.44
DWL 522T	22	35	400	0.57
DWL 528T	28	44	400	0.79
DWL 536T	36	56	400	1.00
DWL 542T	42	64	400	1.15
DWL 554T	54	80	400	1.62
DWL 570T	70	95	400	2.00
DWL 582T	82	108	400	2.42
DWL 592T	92	120	400	3.40
DWL 504T	104	134	400	3.90

Stainless Steel Conduit Pipes



***Superior product for special locations -
Less Corrosion Long Life Better Appearance !***

1. High Resistance to Corrosion

Stainless steel (SUS304) construction ***ensures against rust*** in corrosive areas, such as food processing lines, chemical plants, water treatment plants, seashore plants, etc.

2. Conforming to IMC conduit

Internal diameter and length ***conform to IMC requirements***. Can be combined with steel conduit for a more flexible, reliable wiring installation in a variety of applications. Stainless conduit fittings help form a complete, professional wiring system.

3. Long Lifetime

Conduit systems must remain in a good condition wherever they are installed. Stainless steel conduit delivers a long lifetime and ***requires little maintenance*** especially in high altitude installations.

4. Brilliant Appearance

Stainless steel conduit polished to a bright finish for a superior appearance. This ensures an ***attractive appearance*** of special importance to food processing lines.

Stainless Steel Conduit Pipe with one coupling on one end

	Item No.	Nominal Size (inch)	Outside Diameter (mm)	Wall Thickness (mm)	Length (mm)	Weight (kg/Pce)	Bundle (Pcs)
	DWSM 012	1/2"	21.1	2.1	3,030	3.08	10
	DWSM 034	3/4"	26.4	2.1	3,030	3.95	10
	DWSM 100	1"	33.6	2.8	3,025	6.56	5
	DWSM 114	1-1/4"	42.2	2.8	3,025	8.39	3
	DWSM 112	1-1/2"	48.3	2.8	3,025	9.69	3
	DWSM 200	2"	60.3	2.8	3,025	12.29	1
	DWSM 300	3"	88.9	4.0	3,010	26.23	1
	DWSM 400	4"	114.2	4.0	3,005	34.12	1

Stainless Steel Conduit Fittings

Coupling

	Item No.	Nominal Size (inch)	Weight (kg/pce)	Inner Packing (Pcs)	Outer Box (Pcs)
	DFSM 11012	1/2"	0.053	25	50
	DFSM 11034	3/4"	0.068	10	20
	DFSM 11100	1"	0.119	10	20
	DFSM 11114	1-1/4"	0.151	10	10
	DFSM 11112	1-1/2"	0.190	5	5
	DFSM 11200	2"	0.281	3	6
	DFSM 11300	3"	0.728	5	5
	DFSM 11400	4"	1.019	5	5

Normal Bend

	Item No.	Nominal Size (inch)	Weight (kg/pce)	Inner Packing (Pcs)	Outer Box (Pcs)
	DFSM 13012	1/2"	0.284	1	10
	DFSM 13034	3/4"	0.434	1	8
	DFSM 13100	1"	0.872	1	6
	DFSM 13114	1-1/4"	1.409	1	-
	DFSM 13112	1-1/2"	1.860	1	-
	DFSM 13200	2"	2.572	1	-
	DFSM 13300	3"	7.419	1	-
	DFSM 13400	4"	13.945	1	-

Lock Nut

	Item No.	Nominal Size (inch)	Weight (kg/pce)	Inner Packing (Pcs)	Outer Box (Pcs)
	DFSM 12012	1/2"	0.004	50	-
	DFSM 12034	3/4"	0.006	50	-
	DFSM 12100	1"	0.013	50	-
	DFSM 12114	1-1/4"	0.018	50	-
	DFSM 12112	1-1/2"	0.022	30	-
	DFSM 12200	2"	0.029	30	-
	DFSM 12300	3"	0.063	10	-
	DFSM 12400	4"	0.076	10	-

Saddle

	Item No.	Nominal Size (inch)	Weight (kg/pce)	Inner Packing (Pcs)	Outer Box (Pcs)
	DFSM 16012	1/2"	0.011	25	-
	DFSM 16034	3/4"	0.013	25	-
	DFSM 16100	1"	0.025	25	-
	DFSM 16114	1-1/4"	0.028	25	-
	DFSM 16112	1-1/2"	0.045	15	-
	DFSM 16200	2"	0.055	5	-
	DFSM 16300	3"	0.113	5	-
	DFSM 16400	4"	0.140	5	-



No.1 Factory



No.2 Factory

Please contact:

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