



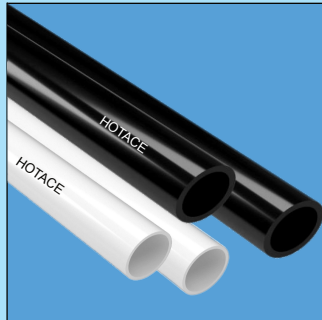
National Plastic Factory L.L.C

uPVC ELECTRICAL CONDUIT & FITTINGS FOR CABLE MANAGEMENT SYSTEMS

uPVC ELECTRICAL CONDUITS

Product complies with BS EN 61386-21 / BS EN 50086 / BS 4607
OS 109 / GS 33 / GSO IEC 61386-21

Available Colours : Black & White

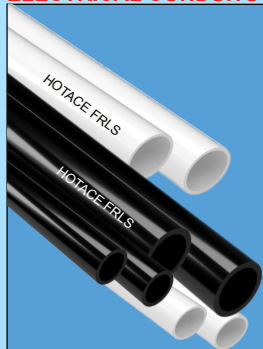


Nominal Sizes (mm)	Outer Diameter (mm)		Light Gauge (mm)		Medium Gauge (mm)		Heavy Gauge (mm)	
	Min	Max	Min. Inner Diameter	Wall Thickness	Min. Inner Diameter	Wall Thickness	Min. Inner Diameter	Wall Thickness
19	18.95	19.10	16.75	1.10	16.35	1.30	15.95	1.50
20	19.80	20.00	17.60	1.20	16.80	1.60	16.40	1.80
25	24.80	25.00	22.20	1.40	21.40	1.80	21.20	1.90
32	31.70	32.00	29.00	1.50	27.80	2.10	27.00	2.50
38	37.70	38.00	35.00	1.50	33.60	2.20	33.00	2.50
50	49.70	50.00	46.20	1.90	45.00	2.50	43.60	3.20

uPVC FRLS (Fire Retardant Low Smoke) ELECTRICAL CONDUITS

Product complies with BS EN 61386-21

Available Colours : Black, White & Grey



Nominal Sizes (mm)	Outer Diameter (mm)		Heavy Gauge (mm)		Very Heavy Gauge (mm)		
	Min	Max	Min. Inner Diameter	Wall Thickness	Min. Inner Diameter	Wall Thickness	
20	19.80	20.00	16.40	1.80	15.80	2.10	
25	24.80	25.00	21.20	1.90	20.60	2.20	
32	31.70	32.00	27.00	2.50	26.60	2.70	
38	37.70	38.00	33.00	2.50	32.40	2.80	
50	49.70	50.00	43.60	3.20	43.20	3.40	
Specific Gravity : 1.4					Breakdown Voltage : 140 - 200 Kv/cm		
Tensile Strength : 1250 - 4000 kg/cm ²					Smoke Density : Visibility upto 60%		

uPVC DUCTS FOR ELECTRICAL & TELEPHONE CABLES

Product complies with DIN 8061/8062

Available Colour : Black & Grey



Nominal Sizes	Outer Diameter (mm)		Wall Thickness (mm)															
			SDR 51		SDR 41		SDR 34.4		SDR 26		SDR 21		SDR 17		SDR 13.6			
	Inches	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
20	20.00	20.20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50	1.90	
25	25.00	25.20	-	-	-	-	-	-	-	-	-	-	-	-	1.50	1.90	1.90	2.30
32	32.00	32.20	-	-	-	-	-	-	-	-	1.60	2.00	1.90	2.30	2.40	2.90	3.00	3.50
40	40.00	40.20	-	-	-	-	-	-	1.60	2.00	1.90	2.30	2.40	2.90	3.00	3.50	3.70	4.30
50	50.00	50.20	-	-	-	-	1.50	1.90	2.00	2.40	2.40	2.90	3.00	3.50	3.80	4.40	4.70	5.40
63	63.00	63.30	-	-	1.60	2.00	1.90	2.30	2.50	3.00	3.00	3.50	3.80	4.40	4.70	5.40	6.10	7.20
110	110.00	110.40	2.20	2.70	2.70	3.20	3.20	3.80	4.20	4.90	5.30	6.10	6.60	7.50	8.10	9.20	10.70	12.80
160	160.00	160.50	3.20	3.80	4.00	4.60	4.70	5.40	6.20	7.10	7.70	8.70	9.50	10.70	11.80	13.20	15.10	17.80
200	200.00	200.60	3.90	4.50	4.90	5.60	5.90	6.70	7.70	8.70	9.60	10.80	11.90	13.30	14.70	16.40	18.50	21.50
250	250.00	250.80	4.90	5.60	6.20	6.90	7.30	8.30	9.60	10.80	11.90	13.30	14.80	16.50	18.40	20.50	23.20	27.00
315	315.00	316.00	6.20	7.10	7.70	8.70	9.20	10.40	13.50	15.10	15.00	16.70	18.70	20.80	23.20	26.30	29.40	34.60
400	400.00	401.20	7.90	8.90	9.80	11.00	11.70	13.10	17.10	19.00	19.10	21.30	23.70	26.30	29.40	32.60	36.80	43.20

Available in Lengths of 6 meters. Alternate lengths & colours also available

uPVC ELECTRICAL CONDUITS

Product complies with NEMA TC 6 & 8 / ASTM F512

Available Colours : Black & Grey



Nominal Sizes	Outer Diameter (mm)		Wall Thickness (mm)				
			EB 20	EB 35	DB 60	DB 100	DB 120
Inches	Min	Max	Min	Min	Min	Min	Min
1"	33.68	33.94	-	-	-	-	1.52
1½"	48.11	48.41	-	-	1.52	-	1.65
2"	60.18	60.48	1.52	1.52	1.65	-	2.11
3"	88.70	89.10	1.55	1.93	2.54	3.07	3.23
4"	114.07	114.53	2.08	2.54	3.33	3.94	4.22
6"	168.00	168.56	3.18	3.86	4.98	5.82	6.20

EB 20 / 25 - Utilities duct intended for underground installation of communications, electrical wire and cable designed for encased burial in concrete.
DB 60 / 100 / 120 - Utilities duct intended for underground installation of communications, electrical wire and cable designed for direct burial without encasement.
Available in Lengths of 3 & 6 meters. Alternate lengths & colours also available



National Plastic Factory L.L.C

uPVC ELECTRICAL CONDUITS

Product complies with NEMA TC 2 / UL 651A

Available Colours : Dark Grey & Grey

Nominal Sizes	Outer Diameter (mm)		Wall Thickness (mm)		Inner Diameter (mm)		
	Inches	mm	Min	Max	EPC 40	EPC 80	
					Min	Min	
1/2"	16	21.13	21.54	2.77	3.73	14.68	12.75
3/4"	21	26.42	26.92	2.87	3.91	19.81	17.72
1"	27	33.15	33.66	3.38	4.55	25.50	23.11
1 1/4"	35	41.86	42.47	3.56	4.85	33.90	31.16
1 1/2"	41	47.96	48.56	3.68	5.08	39.72	36.72
2"	53	60.02	60.63	3.91	5.54	51.33	47.77
3"	78	88.52	89.28	5.49	7.62	76.40	71.62
4"	103	113.03	115.57	6.02	8.56	100.60	94.91
6"	155	167.00	169.54	7.11	10.97	152.04	143.40
8"	200	217.62	220.36	8.18	12.70	199.39	189.48

EPC 40 - Electrical conduit designed for normal-duty applications aboveground; concrete-encased applications or direct burial.

EPC 80 - Electrical conduit designed for heavy-duty (areas of physical damage) applications aboveground; concrete encased applications or direct burial.

Available in Lengths of 3 & 6 meters. Alternate lengths & colours also available.

uPVC PIPES FOR INDUSTRIAL USES

Product complies with BS 3506


Available Colour : Black & Grey

Nominal Sizes	Outer Diameter (mm)		Wall Thickness (mm)							
	Inches	Min	Max	Non Pressure		Industrial Use				
				Class-O		Class-B		Class-C		Class-D
			Min	Max	Min	Max	Min	Max	Min	Max
1 1/4"	42.10	42.40	-	-	-	-	-	-	2.20	2.70
1 1/2"	48.10	48.40	1.80	2.20	-	-	-	-	2.50	3.00
2"	60.20	60.50	1.80	2.20	-	-	2.50	3.00	3.10	3.70
3"	88.70	89.10	1.80	2.20	2.90	3.40	3.50	4.10	4.60	5.30
4"	114.10	114.50	2.30	2.80	3.40	4.00	4.50	5.20	6.00	6.90
6"	168.00	168.50	3.10	3.70	4.50	5.20	6.60	7.60	8.80	10.20
8"	218.80	219.40	3.10	3.70	5.30	6.10	7.80	9.00	10.30	11.90
10"	272.60	273.40	3.10	3.70	6.60	7.60	9.70	11.20	12.80	14.80
12"	323.40	324.30	3.10	3.70	7.80	9.00	11.50	13.30	15.20	17.50

Available in Lengths of 6 meters. Alternate lengths & colours also available

uPVC DUCTS FOR TELEPHONE CABLES

Product complies with Etisalat & QNBN Specification

Duct No.	Outer Diameter (mm)		Wall Thickness (mm)		Fibreglass Mesh	Mesh Dimensions
	Min	Max	Min	Max		
56	53.80	54.00	1.55	1.70		4" (100 mm) x 50 Mtr 6" (150 mm) x 50 Yards
56A	56.40	56.70	3.25	3.45		
54D	96.30	96.70	3.25	3.45		
57	114.20	114.40	3.40	3.80		
57A	114.20	114.40	4.50	4.90		

Available Colours : Black & Grey
Lengths available according to Etisalat & QNBN requirement.
Alternate lengths & colours also available.

uPVC Mini & Max Trunking


Available Sizes (mm)

uPVC Mini & Max Trunking With Self Adhesive

Available Sizes (mm)

Electrical Conduit Bending Spring

Available Sizes (mm)

	16 x 16		16 x 16		Widely used for the prevention of wall collapse of PVC Conduits during bending.
	25 x 16		25 x 16		
	75 x 50		38 x 25		
	100 x 100				



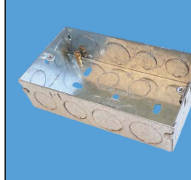
PVC Flexible Corrugated Conduit

Nominal Sizes (mm)

Coil Length (meter)

Single Gang Box

Twin Gang Box

	16	50		Available Sheet Thickness : 0.8, 0.9 & 1.1mm	
	20	50		Dimensions : 72 x 72 x 35 / 72 x 72 x 47	
	25	25		Two adjustable & two fixed lugs with fixing centres : 60.3mm	
	32	25		Conduit Entries : 7 x 20mm & 4 x 25mm knockouts.	
	40	20		Available Sheet Thickness : 0.8, 0.9 & 1.1mm	
50	15	Dimensions : 132 x 72 x 35 / 132 x 72 x 47	One adjustable & one fixed lug with fixing centres : 120.6mm	Conduit Entries : 8 x 20mm & 8 x 25mm knockouts.	

For Duct & Cable Conduit Applications
Available Colours : Black & White



National Plastic Factory L.L.C

uPVC ELECTRICAL CONDUIT ACCESSORIES

uPVC CONDUIT FITTINGS

Product complies with BS EN 61386-21 / BS 4607 / GS 33 / OS 109

Available Colours : Black & White

Products	Available Sizes (mm)	Products	Available Sizes (mm)	Products	Available Sizes (mm)	Products	Available Sizes (mm)
Terminal One Way Junction Box	19 20 25	Two Way Angle Junction Box	19 20 25	Two Way Straight Junction Box	19 20 25	Tee Three Way Junction Box	19 20 25
Intersection Four Way Junction Box	19 20 25	U Way Junction Box	19 20 25	Y Way Junction Box	19 20 25	H Way Junction Box	19 20 25
Loop In Box (Back Entry)	19 20 25	Circular Lid	65 85	Coupler	19 20 25 32 38 50	Expansion Coupler	20 25 32 38 50
Female Thread Adaptor	19 20 25 32 38 50	Male Thread Adaptor	19 20 25	Space Bar saddle	19 20 25 32 38 50	Short & Long Bend	19 20 25 32 38 50
3x3" & 6x3" Surface Mounting Box	87 x 87 Depth : 35 87 x 147 Depth : 35	3x3" & 6x3" Surface Mounting Box Lid	87 x 87 87 x 147	IP Boxes - 65 Series	80 x 80 x 40 100 x 100 x 50 150 x 110 x 70 190 x 140 x 70 240 x 190 x 90 300 x 220 x 120 380 x 300 x 120 460 x 380 x 120	Flush Box With Adjustable Lugs	6 x 3" 3 x 3"

uPVC DUCT BEND FOR DUCT & CABLE CONDUIT APPLICATIONS

 L - BEND	Nominal Sizes (inches)	Socket Inner Diameter (mm)	Bend Angle (Degree)	Bend Length (meter)	Construction Films & Rolls (polyethylene sheet)	Sheet Thickness (Gauge)
	1 1/2"	48.20	90°	0.50		
2"	60.30	90°	0.60			
3"	88.80	90°	0.80			
4"	110.00	22.5° / 30° / 45° / 67.5° / 90°	1.00 / 2.50 / 3.00			
4"	114.20	L Bend 90°	1.00			
4"	114.20	45° / 90°	1.00			
6"	168.20	45° / 90°	1.00			
8"	218.80	45° / 90°	1.00			

uPVC Duct Coupler	Nominal Sizes (inches)	Socket Inner Diameter (mm)	Length (mm)	Adaptable Box & Lid	Available Sizes (mm)	Solvent Cement	20 ml 250 ml 500 ml
	1 1/2"	48.20	110.00		100 x 100 x 75		A specially formulated heavy bodied, medium setting, PVC cement designed for joining uPVC Electrical Conduit Pipes & Fittings.
	2"	60.30	140.00		150 x 100 x 75		
	3"	88.80	170.00		150 x 150 x 75		
	4"	110.00	220.00		225 x 225 x 75		
	4"	114.20	230.00		300 x 300 x 75		
	6"	160.00	270.00				
	6"	168.20	270.00				
	8"	200.00	300.00				
8"	218.80	300.00					

For Duct & Cable Conduit Applications / Available Colours : Black & Grey

Available Colours : Black & White



An ISO 9001 QMS, 14001 EMS & OHSAS 18001



CERTIFIED COMPANY



Manufacturer & Supplier of Hotace Brand Product Ranges :

- ★ uPVC Electrical Conduits & Fittings
- ★ GI Electrical Conduit & Fittings
- ★ uPVC Drainage, Sewerage Pipes & Fittings
- ★ uPVC Soil & Ventilation Pipes & Fittings
- ★ uPVC High Pressure Pipes & Fittings
- ★ HDPE Pipes & Fittings
- ★ PPR Pipes & Fittings
- ★ Household Electrical & Bathroom Products

The above products are approved by all local government authorities & internationally reputed institutions. Our products also meet international standards like Omani STD, Gulf STD, BS EN, ASTM, DIN etc.

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