

UPVC DUCT PIPES & ACCESSORIES



NEMA TC 2 : 2003 ELECTRICAL PVC-U TUBING & CONDUITS:

This covers the following type of Electrical Polyvinyl Chloride (PVC) conduit (EPC)

EPC 40 PVC: Electrical PVC conduit designed for normal duty (Schedule 40) applications above ground; also used for all concrete encased Applications or Direct Burial.

EPC 80 PVC: Electrical PVC conduit designed for heavy duty (Schedule 80) applications above ground; also for all concrete encased Applications or Direct Burial

Nominal Size (Inch)	Mean Outside Dia. (mm)		Minimum Wall Thickness (mm)			
			EPC 40		EPC 80	
	Min	Max	Min	Max	Min	Max
½"	21.2	21.5	2.77	3.25	3.73	4.15
¾"	26.6	26.9	2.87	3.25	3.91	4.42
1"	33.4	33.7	3.38	3.62	4.55	4.82
1 ¼"	42.1	42.4	3.56	3.80	4.85	5.10
1 ½"	48.1	48.4	3.68	4.05	5.08	5.35
2"	60.2	60.5	3.91	4.25	5.54	6.02
3"	88.7	89.1	5.49	6.01	7.62	7.95
4"	114.1	114.5	6.02	7.05	8.56	9.25
6"	168.2	168.5	7.11	8.10	10.97	11.23
8"	218.8	219.4	8.18	9.56	12.70	13.15

NEMA TC 6 & 8/ASTM F 512 PVC-U DUCT PIPE FOR UNDER GROUND INSTALLATIONS

This covers the following thypes of plastic utilities duct for installation underground for communications and electrical wire & cable

EB-20 : Designed for burial encased in concrete

EB-35 : Designed for burial encased in concrete

DB-60 : Designed for direct burial without encasement in concrete

DB-100 : Designed for direct burial without encasement in concrete

DB-120 : Designed for direct burial without encasement in concrete

****Type DB product also used for encased concrete applications**

Nominal Size (Inch)	Mean Outside Dia. (mm)		Minimum Wall Thickness (mm)				
			EB-20	EB-35	DB-60	DB -100	DB -120
1"	33.4	33.7	-	-	-	-	1.52
1 ½"	48.1	48.4	-	-	1.52	-	1.65
2"	60.2	60.5	-	1.52	1.65	-	2.11
3"	88.7	89.1	1.70	2.08	2.54	3.07	3.23
4"	114.1	114.5	2.26	2.77	3.33	3.94	4.22
6"	168.2	168.5	3.43	4.17	4.98	5.82	6.20

EB: Encased Burial

DB: Direct Burial

UPVC/PVC DUCT PIPES

UPVC DUCT PIPES ARE MANUFACTURED AS PER THE FOLLOWING DIMENSIONS:
Metric size Pressure Pipes: DIN 8062

Nominal Size mm	Mean Outside Dia.		Mean Wall Thickness							
			PN-16 (CLASS-16)		PN-10 (CLASS-10)		PN-6 (CLASS-6)		PN-4 (CLASS-4)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20 mm	20.0	20.2	1.5	1.9	-	-	-	-	-	-
25 mm	25.0	25.2	1.9	2.3	1.5	1.8	-	-	-	-
32 mm	32.0	32.2	2.4	2.9	1.8	1.9	-	-	-	-
40 mm	40.0	40.2	3.0	3.5	1.9	2.3	1.8	2.1	-	-
50 mm	50.0	50.2	3.7	4.3	2.4	2.9	1.8	2.2	-	-
63 mm	63.0	63.2	4.7	5.4	3.0	3.4	1.9	2.3	-	-
75 mm	75.0	75.3	5.6	6.4	3.6	4.2	2.2	2.6	1.8	2.2
90 mm	90.0	90.3	6.7	7.6	4.3	5.1	2.7	3.2	1.8	2.3
110 mm	110.0	110.3	8.2	9.3	5.3	5.9	3.2	3.8	2.2	2.6
125 mm	125.0	125.3	9.3	10.3	6.0	6.8	3.7	4.0	2.5	2.9
140 mm	140.0	140.4	10.4	11.8	6.7	7.5	4.1	4.5	2.8	3.3
160 mm	160.0	160.4	11.9	11.3	7.7	8.5	4.7	5.2	3.2	3.8
180 mm	180.0	180.4	13.4	15.0	8.6	9.4	5.3	5.7	3.6	4.2
200 mm	200.0	200.4	14.9	16.6	9.6	10.7	5.9	6.7	4.0	4.4
225 mm	225.0	225.5	16.7	18.6	10.8	11.6	6.6	7.2	4.5	4.9
250 mm	250.0	250.5	18.6	20.7	11.9	13.3	7.3	8.0	4.9	5.7
280 mm	280.0	280.5	20.8	23.1	13.4	14.9	8.2	9.0	5.5	6.3
315 mm	315.0	315.6	23.4	26.0	15.0	16.7	9.2	10.4	6.2	7.1

PN: Working pressure at 20 °C

The standard length is 5.8 meters or as required;

Standard Colour : Black/Dark Grey or as required

DUCT PIPE FOR ELECTRICAL AND TELEPHONE CABLE

Dimensions as per Etisalat & DU specifications

Product	Outside Diameter		Wall Thickness	
	Min	Max	Min	Max
D54 DUCT PIPE	96.30	96.70	3.25	3.65
D56 DUCT PIPE	53.80	54.00	1.55	1.70
D57 DUCT PIPE	114.30	114.50	3.40	3.65

The standard length is 5.8 meters or as required; Standard Colour : Black/Dark Grey

UPVC/PVC DUCT PIPES

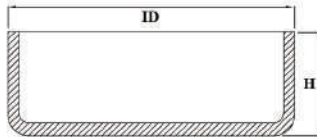
UPVC DUCT PIPES ARE MANUFACTURED AS PER THE FOLLOWING DIMENSIONS:
Imperial size Pressure Pipes: BS 3505/06

Nominal Size inch	Mean Outside Dia		Nominal Wall thickness									
			PN-15(Class-E)		PN-12 (Class-D)		PN-9 (Class-C)		PN-6 (Class-B)		Non Pressure (Class-O)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
½"	21.2	21.5	1.7	2.1	-	-	-	-	-	-	-	-
¾"	26.6	26.9	1.9	2.5	-	-	-	-	-	-	-	-
1"	33.4	33.7	2.2	2.8	-	-	-	-	-	-	-	-
1 ¼"	42.1	42.4	2.7	3.3	2.2	2.7	-	-	-	-	1.8	2.2
1 ½"	48.1	48.4	3.1	3.7	2.5	3.0	-	-	-	-	1.8	2.2
2"	60.2	60.5	3.9	4.5	3.1	3.7	2.5	3.0	-	-	1.8	2.2
3"	88.7	89.1	5.7	6.6	4.6	5.3	3.5	4.1	2.9	3.4	1.8	2.2
4"	114.1	114.5	7.3	8.4	6.0	6.9	4.5	5.2	3.4	4.0	2.3	3.1
6"	168	168.5	10.8	12.5	8.8	10.2	6.6	7.6	4.5	5.2	3.1	3.7
8"	218.8	219.4	12.6	14.5	10.3	11.9	7.8	9.0	5.3	6.1	3.1	3.7
10"	272.6	273.4	15.7	18.1	12.8	14.8	9.7	11.2	6.6	7.6	3.1	3.7
12"	323.4	324.3	18.7	21.6	15.2	17.5	11.5	13.3	7.8	9.0	3.1	3.7

NON - STANDARD DUCT PIPE

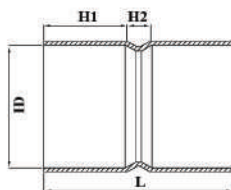
Product	Outside Diameter		Wall Thickness	
	Min	Max	Min	Max
75 DUCT PIPE	75.00	75.30	1.70	2.00
90 DUCT PIPE	90.00	90.30	1.70	2.00
110 DUCT PIPE	110.00	110.40	2.40	2.80
160 DUCT PIPE	160.00	160.40	3.60	4.00

DUCT END CAPS



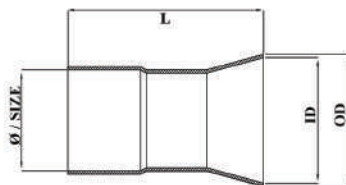
Ø/ SIZE	ID	H
2" C / 56	60.5 / 54	30
3" C / 54D	89.5 / 96.7	30
4" C / 110 mm	114.5 / 110	30
6" C / 160 mm	168.5 / 160	40
8" C / 200 mm	219.4 / 200	45

DUCT SOCKETS



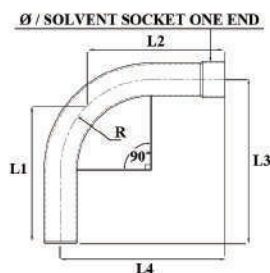
Ø/ SIZE	ID	L
2" C / 56	60.5 / 54	116.5
3" C / 54D	89.5 / 96.7	162
4" C / 110 mm	114.5 / 110	172
6" C / 160 mm	168.5 / 160	258
8" C / 200 mm	219.4 / 200	294

DUCT BELLMOUTHS



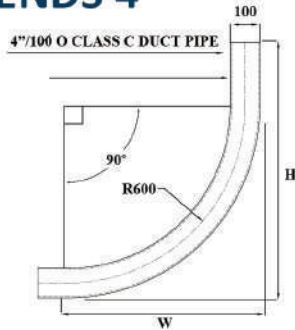
Ø/ SIZE	ID	OD	WT
2" C / 56	110	117	3.5/1.63
3" C / 54D	161.5	168	3.5/1.63
4" C / 110 mm	201	212	4/340
6" C / 160 mm	250.5	265	5.00
8" C / 200 mm	315	332	6.25

DUCT 90°/45° L R BENDS



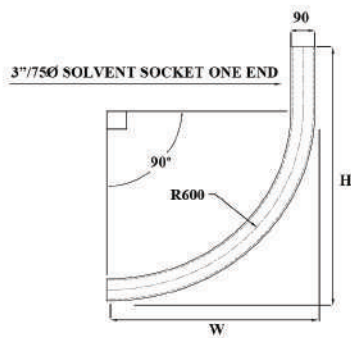
Ø/ SIZE	L1	L2	L3	L4	R
1"	220	220	280	280	200
1½"	310	310	400	400	300
2" C / 56	481	481	567	567	300
3" C / 54D	638	638	755	755	400
4" C / 110 mm	626	626	683	683	400
6" C / 160 mm	699	699	717	717	400
8" C / 200 mm	914	914	1090	1090	600

DUCT 90° LIGHTING L R BENDS 4"



Ø / SIZE	POLES	RADIUS (mm)	H(mm)	W(mm)
4" CLASS C	12 Mtr.	600	1050	600
4" CLASS C	14 Mtr.	600	1050	600
4" CLASS C	16/18 Mtr.	600	1070	600
4" CLASS C	25 Mtr.	600	1050	1150

DUCT 90° STREET LIGHTING L R BENDS 3"



Ø / SIZE	POLES	RADIUS (mm)	H(mm)	W(mm)
3" CLASS C	3.5 Mtr.	600	700	600
3" CLASS C	5 Mtr.	600	700	600
3" CLASS C	6 Mtr.	600	1050	600
3" CLASS C	8 Mtr.	600	1050	600
3" CLASS C	10 Mtr.	600	1050	600



CROWN PLASTIC

مصنع كراون للأنابيب البلاستيكية ذ.م.م
CROWN PLASTIC PIPES FACTORY LLC

PVC | UPVC | PPR | PEX | HDPE

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