



الشركة المتخصصة للصناعات البلاستيكية

Specialized Co. For Plastic Industries

(الصغير و مرار)

Electrical And Telecommunications Conduits

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UPVC Electrical Conduits According to NEMA TC-2

Nominal Size inch	Outside diameter (mm)		Wall Thickness (mm)						Weight kg/m		
			EPT		EPC 40		EPC 80		EPT	EPC 40	EPC 80
	min	max	min	max	min	max	min	max			
1/2	21.24	21.44	1.52	2.03	2.77	3.28	3.73	4.24	0.155	0.24	0.3
3/4	26.57	26.77	1.52	2.03	2.87	3.38	3.91	4.24	0.197	0.33	0.43
1	33.27	33.53	1.52	2.03	3.38	3.89	4.55	5.08	0.25	0.48	0.61
1 1/4	42.03	42.29	1.78	2.29	3.56	4.07	4.85	5.44	0.365	0.65	0.87
1 1/2	48.11	48.41	2.03	2.54	3.68	4.19	5.08	5.69	0.47	0.77	1.03
2	60.17	60.47	2.54	3.05	3.91	4.42	5.54	6.2	0.717	1.04	1.43
2 1/2	72.84	73.2	2.79	3.30	5.16	5.77	7.01	7.85	0.952	1.57	2.2
3	88.70	89.1	3.18	3.68	5.49	6.15	7.62	8.53	1.31	2.14	2.91
4	114.1	114.5	3.81	4.32	6.02	6.73	8.56	9.58	2.0	3.05	4.26
5	141.05	141.55	-	-	6.22	7.347	9.52	10.67	-	4.18	6.42
6	168.0	168.56	-	-	7.11	7.98	10.97	12.29	-	5.37	8.13
8	218.7	219.46	-	-	8.18	9.17	12.7	14.22	-	8.11	12.4

EPT = Electrical Plastic Tubing For Encasement in concrete

EPC 40 = Electrical Plastic Conduit for normal duty (Sch40) above ground and direct burial underground

EPC 80 = Electrical Plastic Conduit for heavy duty (Sch80) above ground and direct burial underground

- 1) Sunlight and UV resistant
- 2) Listed for 90 degrees cables
- 3) Product manufactured with one integral solvent cement muff per pipe

- 4) Available in gray colour or other upon request
- 5) Available in 6 mtrs length or other upon request
- 6) Third party compliance certificates can be issued for the ordered batch upon request.

UPVC Electrical Conduits According to NEMA TC-6 and ASTM F512

Nominal Size (inch)	Outside Diameter (mm)	PVC type EB 20		PVC type DB 60	
		Wall Thickness (mm)	Weight kg/m	Wall Thickness (mm)	Weight kg/m
2	60.17	1.52	0.465	1.52	0.465
3	88.7	1.55	0.703	2.34	1.000
4	114.1	2.08	1.170	3.07	1.650
5	141.05	2.62	1.170	3.86	2.50
6	168.0	3.18	2.530	4.62	3.570

EB = Encased Burial in Concrete

DB = Direct Burial without Concrete

- 1) Sunlight and UV resistant
- 2) Listed for 90 degrees cables
- 3) Product manufactured with one integral solvent cement muff per pipe

- 4) Available in gray colour or other upon request
- 5) Available in 6 mtrs length or other upon request
- 6) Third party compliance certificates can be issued for the ordered batch upon request.

UPVC Electrical Conduits According to NEMA TC-8 and ASTM F512

Nominal Size (inch)	Outside Diameter (mm)	PVC type EB 35		PVC type DB 120	
		Wall Thickness (mm)	Weight kg/m	Wall Thickness (mm)	Weight kg/m
1	33.27	-	-	1.52	0.251
1 1/2	48.11	-	-	1.52	0.369
2	60.17	1.52	0.465	1.96	0.576
3	88.7	1.93	0.847	3.00	1.250
4	114.1	2.54	1.390	3.91	2.050
5	141.05	3.2	2.09	4.85	3.12
6	168.0	3.86	3.020	5.77	4.420

EB = Encased Burial in Concrete
DB = Direct Burial without Concrete

1) Sunlight and UV resistant
2) Listed for 90 degrees cables
3) Product manufactured with one integral solvent cement muff per pipe

4) Available in gray colour or other upon request
5) Available in 6 mtrs length or other upon request
6) Third party compliance certificates can be issued for the ordered batch upon request.

S&M Fabricated Long Radius Bends (Elbow) to NEMA TC9.

These Bends are to be used with **NEMA TC-2**
Rigid PVC Conduit **EPT-A, EPC-40 & EPC-80**

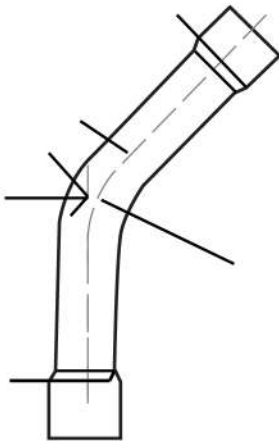
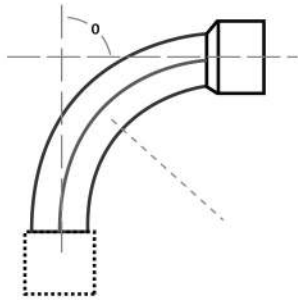
Nominal Size	Outside Dia		Radius [®] Dia	
	Inch	Mm	Inch	Mm
1/2	0.840	21.34	4.0	102
3/4	1.050	26.67	4.50	114
1	1.315	33.40	5.75	146
1 1/2	1.900	48.26	8.25	210
2	2.375	60.32	9.5	241
2 1/2	2.875	73.02	10.50	266
3	3.500	88.90	13	330
4	4.500	114.30	16	406
5	5.563	141.30	24	610
6	6.628	168.28	30	762

NOTE:

The above dimensions are of 30°, 45°, & 90° elbows
Other Radii bends are available upon request
Plain ended, Single & double solvent weld sockets are available.

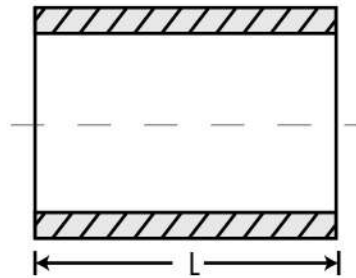
S&M Fabricated Long Radius Bends (Elbow) to NEMA TC9.

A) Fabricated Bends

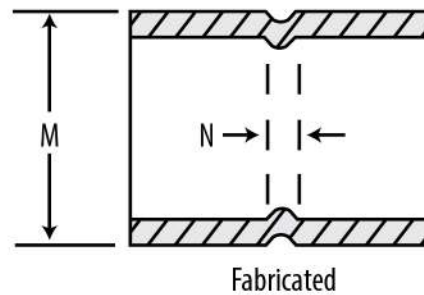


B) Fabricated Couplers

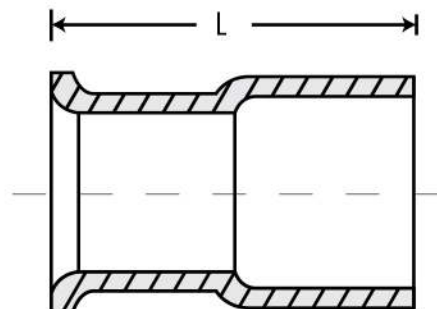
1) Straight Couplers



2) Register Couplers

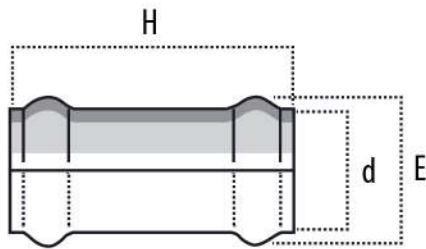


C) Fabricated Bell Ends

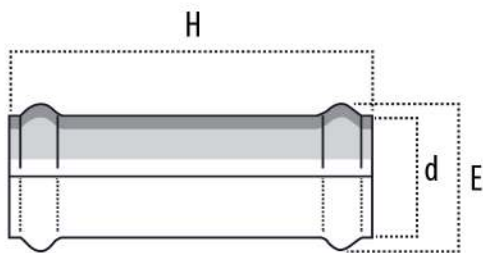


S&M Fabricated Long Radius Bends (Elbow) to NEMA TC9.

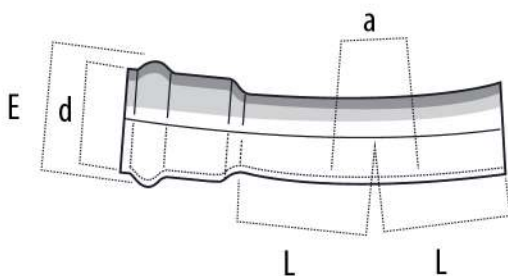
Repair Coupling



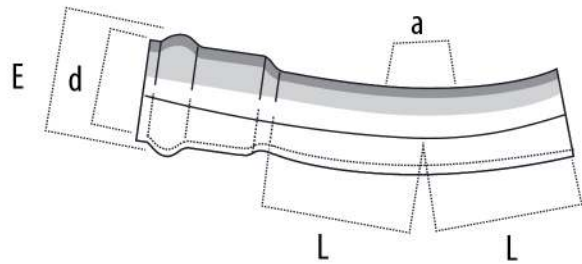
Long Repair Coupling



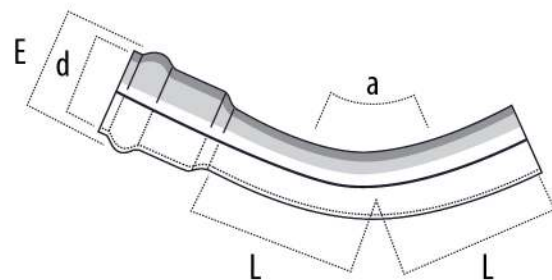
Long Bend 11°



22° 30' Long Bend



45° Long Bend



90° Long Bend

