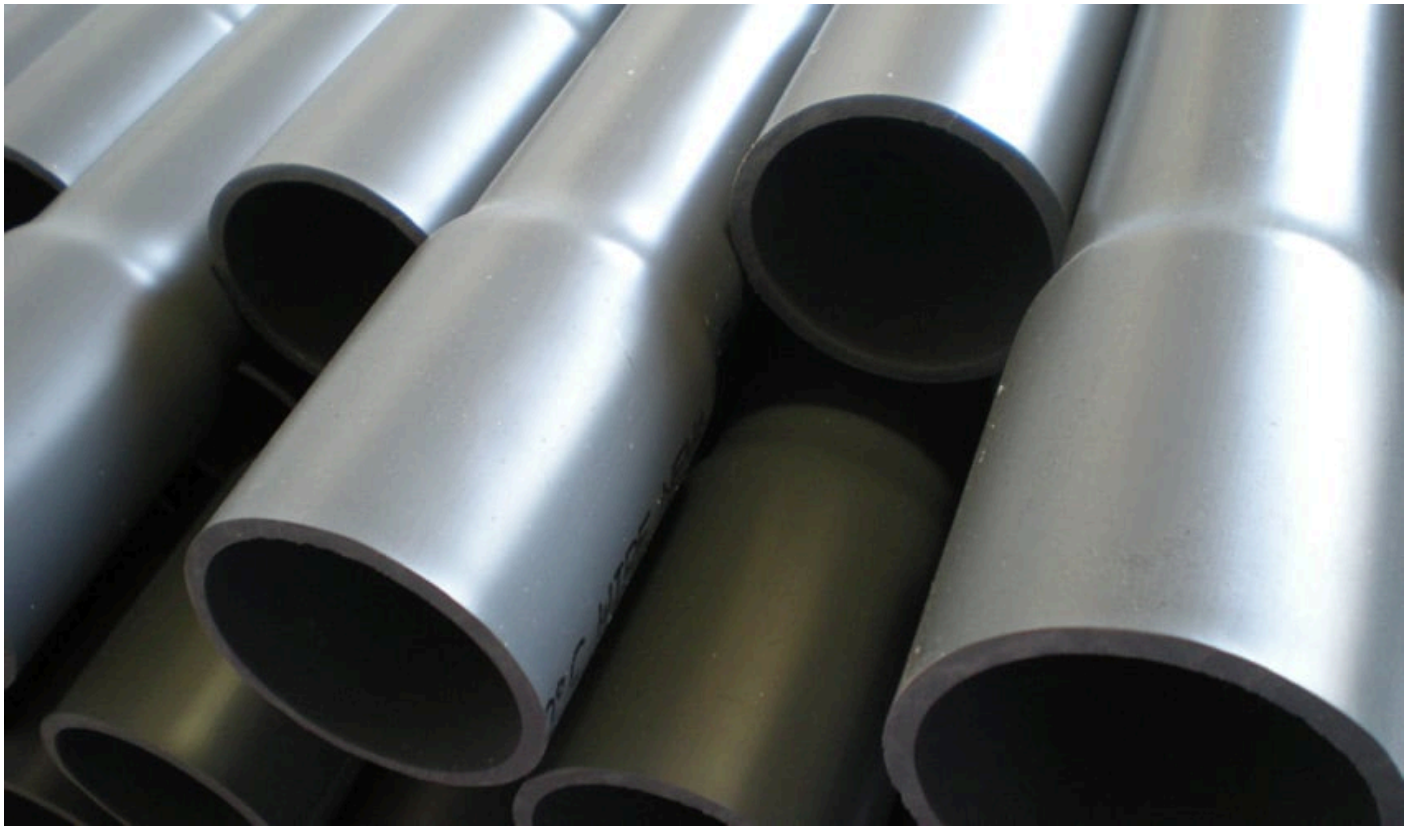
Pacific Plastics



Electrical Conduit Sch80 Grey Solvent Weld

Specification

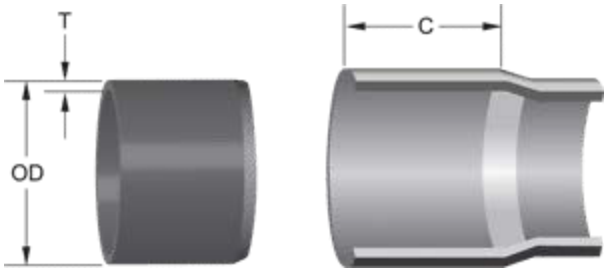
Pacific Plastics Electrical Conduit is produced for the conveyance of electrical wires, above or below ground. The compound is PVC 1120 Type 1 Grade 1, with a cell class of 12454B per ASTM D1784.

Our Sch80 Electrical Conduit is produced in strict compliance to UL 651 and NEMA's TC-2. It can be installed both in the underground and above ground applications.

Sizes of 1/2" – 8" are produced in Grey color, 20 foot and 10 foot lengths Belled End.

The dimensions of the Sch80 conduit per UL 651 are shown in the following table:

Size	OD	T	C
1/2	0.840	0.147	2.25
3/4	1.050	0.154	2.25
1	1.316	0.179	2.75
1 ¼	1.660	0.191	2.75
1 ½	1.900	0.200	3.00
2	2.375	0.218	4.00
2 ½	2.875	0.276	4.00
3	3.500	0.300	4.00
3 ½	4.000	0.318	4.75
4	4.500	0.337	5.25
5	5.625	0.375	5.75
6	6.625	0.432	6.75
8	8.625	0.500	7.50



OD – Outside Diameter

T – Wall Thickness

C – Approximate Bell Depth

Certification

This is to certify that, in this category of PVC pipe, all the products manufactured by Pacific Plastics have been inspected, sampled and tested in accordance with the following specifications and have been found to meet or exceed the requirements of those specifications.

Raw Materials

- PVC1120 Type1 Grade1
- Cell Class 12454
- ASTM D1784 Specification for Rigid PVC Compounds

PVC Pipe

- Sch80 Grey
- Solvent Weld Belled End
- ½" – 8" IPS
- Sunlight resistant per UL651
- UL651 & NEMA TC 2
- NFS Listed

Part Numbers

Size	10ft	20ft
1/2	AE-8010	AE-8020
3/4	BE-8010	BE-8020
1	CE-8010	CE-8020
1 ¼	DE-8010	DE-8020
1 ½	EE-8010	EE-8020
2	FE-8010	FE-8020
2 ½	GE-8010	GE-8020
3	HE-8010	HE-8020
3 ½	XE-8010	XE-8020
4	IE-8010	IE-8020
5	VE-8010	VE-8020

Size	10ft	20ft
6	JE-8010	JE-8020
8	KE-8010	KE-8020

Price List

MULTIPLY

Size	Sch80
1/2	78.12
3/4	106.96
1	145.85
1 ¼	192.98
1 ½	229.24
2	296.51
2 ½	440.96
3	530.54
3 ½	793.78
4	812.63
5	1190.96
6	1679.50

Loading Chart - Electrical Conduit Sch80 Grey Solvent Weld

Size	10ft - Ft/L	20ft - Ft/L	Ft/T
1/2	6,000	12,000	192,000
3/4	4,400	8,800	140,800
1	3,600	7,200	108,000
1 ¼	3,300	6,600	72,600
1 ½	2,250	4,500	58,500
2	1,400	2,800	44,800
2 ½	930	1,860	29,760
3	880	1,760	21,120
3 ½	630	1,260	15,120
4	570	1,140	13,680
5	380	760	9,120
6	260	520	6,240
8	140	280	4,480

Weights - Electrical Conduit

Size	Sch40	Sch80
1/2	16.3	20.7
3/4	21.5	28.1
1	32.5	41.5
1 ¼	43.4	57.0
1 ½	51.8	69.0
2	69.6	98.0

Size	Sch40	Sch80
2 ½	110.0	146.2
3	144.0	195.0
3 ½	190.0	260.0
4	205.0	285.5
5	280.0	415.0
6	362.8	544.8
8	566.0	830.0

Attributes

Color	Grey
Fitting	Solvent Weld
Purpose	Electrical