

WIRE-GARD®

RIGID PVC ELECTRICAL CONDUIT SCHEDULE 40 & 80 (½" - 6")

NATIONAL PIPE & PLASTICS

A CRH COMPANY

SCOPE

This submittal designates the general requirements for Unplasticized Polyvinyl Chloride Rigid Electrical Conduit from compound with a cell classification 12123 as defined in ASTM Standard D-1784.

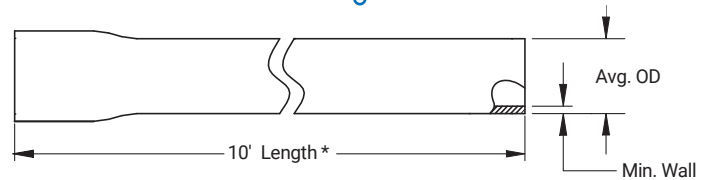
PIPE

National Pipe & Plastics' Schedule 40 & 80 Heavy Wall PVC Conduit is manufactured in accordance with UL 651, ANSI/NEMA TC-2, and meets the requirements of Federal Military Specification WC-1094A and Article 352 of the National Electrical Code. Uses include aboveground, exposed, underground and concrete encasement applications. National Pipe and Plastics' conduit is 90° wire rated and sunlight resistant. All sizes come in both 10' and 20' lengths with an integral bell on one end.

NOTE

Product is certified as being compliant with CSA FT4 Flammability testing requirements and CSA standard for rigid PVC (unplasticized) conduit C22.2 No. 211.2-06.

Rigid non-metallic conduit is normally supplied in standard 10' lengths with one belled end per length. For specific requirements, it may be produced in lengths shorter or longer than 10', with or without a bell.



Electrical Conduit Size

Nominal Size (in)	Metric (mm)	Approvals	"A" Average (OD) Outside Diameter	Min. Wall (SCH 40)	Min. Wall (SCH 80)	Feet Per Bundle	Min. Socket Depth
1/2	16	NSF, CSA	.840	.109	.147	6000	2.000
3/4	21	NSF, CSA	1.050	.113	.154	4400	2.000
1	27	NSF, CSA	1.315	.133	.179	3600	2.500
1 1/4	35	NSF, CSA	1.660	.140	.191	3300	3.000
1 1/2	41	NSF, CSA	1.900	.145	.200	2250	3.000
2	53	NSF, CSA	2.375	.154	.218	1400	3.500
2 1/2	63	NSF, CSA	2.875	.203	.276	930	3.500
3	78	NSF, CSA	3.500	.216	.300	880	4.000
3 1/2	91	NSF, CSA	4.000	.226	N/A	630	3.500
4	103	NSF, CSA	4.500	.237	.337	570	4.750
5	129	NSF, CSA	5.563	.258	.375	380	4.000
6	155	NSF, CSA	6.625	.280	.432	260	5.000

* CSA certification applies only to Schedule 40 Conduit manufactured in New York.

