



PVC Schedule 40 Electrical Conduit

Freedom Plastics' Rigid PVC Schedule 40 Conduit is manufactured and certified to meet the standards of UL 651, "Standard for Schedule 40 and 80 Rigid PVC Conduit", including 90°C rating and sunlight resistance criteria. Our conduit product is also manufactured to NEMA TC-2 standard, "Electrical PVC Tubing and Conduit".

Freedom Schedule 40 Electrical Conduit is Gray in color and available in 10' lengths, $\pm 1/2"$. Special lengths are available upon request. Pipe end configuration is solvent weld bell, with dimensions described below. Cell classification is 12454-B per ASTM D1784.

Nominal Size	O.D.	Min. Wall Thickness	Bell Depth ($\pm 1/4"$)	Feet Per Pallet	Pallets Per Truck
1/2"	0.804	0.109	1.25	6000	40
3/4"	1.050	0.113	1.25	4400	40
1"	1.315	0.133	1.25	3600	40
1 1/4"	1.660	0.140	1.75	3300	40
1 1/2"	1.900	0.145	1.75	2250	40
2"	2.375	0.154	1.75	1400	40
2 1/2"	2.875	0.203	2.50	930	32
3"	3.500	0.216	2.75	880	32
4"	4.500	0.237	3.00	570	24
6"	6.625	0.280	3.50	260	24

Type-C PVC Telephone Conduit

Freedom Plastics manufactures 4" Type C PVC telephone conduit conforming to all major telecommunication specifications.

Freedom Type C conduit comes in gray or white color. Pipe is available in 20' lengths with solvent weld bell end configuration. See product dimensions below.



Nominal Size	O.D.	Min. Wall Thickness	Weight Per Foot	Feet Per Pallet
4"	4.350	0.150	1.26	1260



Polyethylene Conduit Products

Freedom Plastics' Freedom-Flo™ pressure rated High Density Polyethylene pipe is manufactured from the highest-grade virgin material. Our pipe has been tested and certified by NSF-International to meet or exceed all requirements of ASTM D3035.

Freedom Plastics offers a complete line of Polyethylene conduit for most of your aboveground an underground electrical, communication, and fiber optic applications.

ASTM D3035 – PE3408 160 PSI DR-11

Size	I.D.	O.D.	Min. Wall	Weight Per 100'	Coil Lengths (Ft.)
3/4"	0.860	1.050	0.095	13.0	100/500
1"	1.075	1.315	0.120	21.0	100/300
1 1/4"	1.358	1.660	0.151	32.0	100/300
1 1/2"	1.554	1.900	0.173	42.0	100/250
2"	1.943	2.375	0.216	64.0	100
3"	2.864	3.500	0.318	136.0	NA



Fiber Optic Custom Colored Conduit Products

Freedom Plastics manufactures and pre-assembles PVC fiber optic conduit into quad and hex configurations for quick field assembly.

Our custom compounding capabilities allow us to customize the PVC or PE conduit color to meet the your requirements or job specifications.

Contact our your sales representative or our Customer Service Department for more information.



ISO 9001 Certified



PPFA
MEMBER
PLASTIC PIPE
AND FITTINGS
ASSOCIATION



ISO 9001 CERTIFIED

Company Profile



Freedom Plastics has a long-standing reputation for manufacturing the highest quality PVC pipe available today. Our fierce pride and dedication to quality did not come by accident. We understood not being the biggest meant we had to be the best.

Our goal was simple:

produce a product preferred and requested by the end user.

Today Freedom Plastics is one of the United States' premier pipe and fittings manufacturers, and the only manufacturer of the "Complete Package". By offering the industry's most extensive line of large-diameter pipe fittings (through 48"), along with PVC pipe (1/2" - 24") and PE pipe and tubing (1/2" - 2") Freedom is your Single Source Solution.

With manufacturing plants located in Wisconsin, Idaho and Florida we serve the Municipal, Plumbing, Industrial, Irrigation, Telecommunication, and Conduit markets. Utilizing state-of-the-art blending facilities we control the entire process, from powder... to pipe... to fabricated fittings.

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