

ALVA

PVC Conduit Schedule 40



Schedule 40 PVC Conduit are manufactured with rigid Polyvinyl Chloride (PVC-U) compound according to the specifications of the UL 651 and ASTM D 1784 STANDARD.

- Rated for use with 90-degree C wire.
- UL 651 Listed.
- SUNLIGHT RESISTANT rated according to [UL 651 - file number E546229](#).
- Certified for underground and above ground usage.
- For direct burial and encased burial usage.
- Rigid nonmetallic PVC for wires and cables.
- 10' Lengths.
- 20' Lengths (on request).

Specifications & References

ANSI/UL 651 – file number E546229.
National Electrical Code
(NEC 2014) Article 352.
NEMA TC2.

Important Facts

Sunlight Resistant: *For use in outdoor applications exposed to direct sunlight (UL 651).*

Installation & Storage

PVC Conduit may be buried directly in the earth. It can be used in walls, floors, and ceilings, and may be encased in concrete. It can be installed in areas exposed to direct sunlight (NEC 352). SCH.40 PVC Conduit can be acceptable where not subject to physical damage. SCH.40 PVC Conduit shall be listed to **UL 651** for use outdoors and exposed to direct sunlight.

Please always check your local codes for any exceptions to the National Electric Code.



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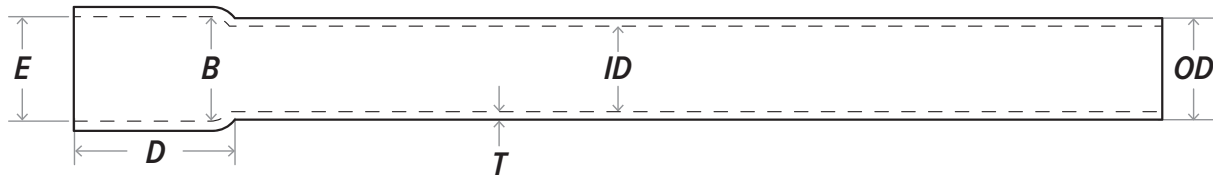
📍 1969 W 9th St, Riviera Beach, Florida 33404
☎ +1-561-421-1868

✉ sales@alvapvc.com
www.alva-mfg.com

📷 @alvapvc

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PVC Conduit Schedule 40 (Crate Quantities)

Part No.	Size inch	Minimum wall inch	Average inch (OD)	Average inch (ID)	Average entrance inch (E)	Average bottom inch (B)	Length feet	Bell End inch (D)	Feet per bundle
P01UC	1/2	0.109	0.840	0.578	0.852	0.836	10	1.77	6,000
P02UC	3/4	0.113	1.050	0.780	1.064	1.046	10	2.16	4,400
P10UC	1	0.133	1.315	1.004	1.330	1.310	10	2.56	3,600
P11UC	1-1/4	0.140	1.660	1.335	1.677	1.655	10	3.15	3,300
P12UC	1-1/2	0.145	1.900	1.564	1.918	1.894	10	3.15	2,250
P20UC	2	0.154	2.375	2.021	2.393	2.369	10	3.15	1,400
P21UC	2-1/2	0.203	2.875	2.414	2.890	2.868	10	3.15	930
P30UC	3	0.216	3.500	3.008	3.515	3.492	10	3.94	880
P31UC	3-1/2	0.226	4.000	3.486	4.015	3.992	10	3.94	630
P40UC	4	0.237	4.500	3.961	4.515	4.491	10	3.94	570
P50UC	5	0.258	5.563	4.975	5.593	5.553	10	3.94	380
P60UC	6	0.280	6.625	5.986	6.658	6.614	10	5.90	260
P80UC	8	0.322	8.622	7.850	8.670	8.610	10	6.29	180

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