

# 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 E528320**
- 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 E528320  
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**



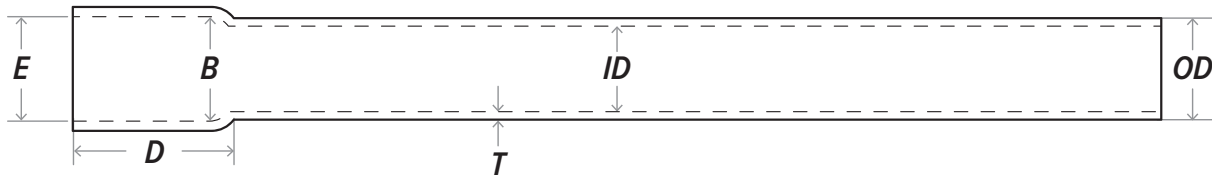
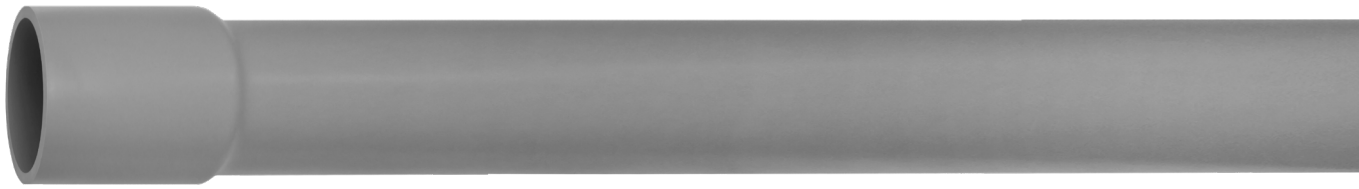
#### U.S. Headquarters

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

✉ sales@alvapvc.com  
[www.alva-mfg.com](http://www.alva-mfg.com)

📷 @alvapvc

# PVC Conduit Schedule 40



**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             |

**U.S. Headquarters**

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

sales@alvapvc.com  
www.alva-mfg.com

@alvapvc