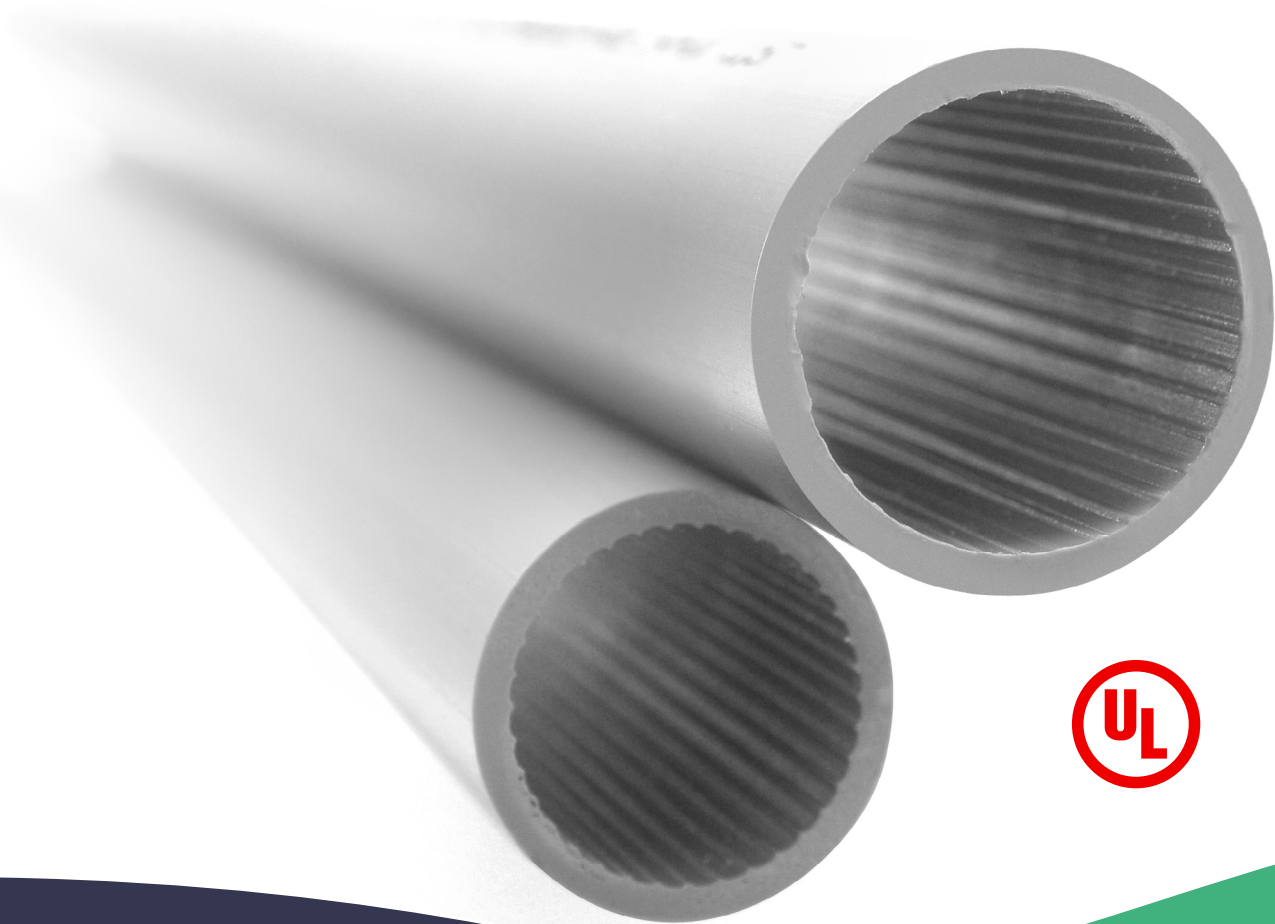


Submittal and Data Sheet

PVC Schedule 40 Electrical Conduit

ANSI/UL 651



wavin

An Orbia business.

PVC Schedule 40 Electrical Conduit

RIGID NON-METALLIC CONDUIT FOR USE IN ABOVE GROUND, UNDERGROUND INSTALLATIONS, CONCRETE ENCASEMENTS AND DIRECT BURIAL

Wavin PVC Conduit is certified to UL 651, and meets or exceeds the requirements of NEMA TC-2 and TC-3.

The compound of which rigid unplasticized polyvinyl chloride (PVC-U) conduit and fittings are made of or exceeds the cell classification 12123-B as described in ASTM D 1784.

Applications

Ideal use for electrical, Cable, datacom, lighting and communication lines for these type of projects:

- ⦿ Utilities
- ⦿ Institutional, commercial, industrial buildings
- ⦿ Residential applications & service entrances
- ⦿ Street and highway underground feeds
- ⦿ Transportation systems – subways, bridges, tunnels, airports
- ⦿ Water and wastewater treatment plants
- ⦿ Marinas
- ⦿ Mines & mills



Product Portfolio Offering

- ⦿ Size Range 1/2" to 4"
- ⦿ Available in standard 10' and 20' length
- ⦿ One bell end
- ⦿ Color gray
- ⦿ Use of solvent cement is required
- ⦿ Rated for 90-degree C conductors
- ⦿ Fittings available

Advantages

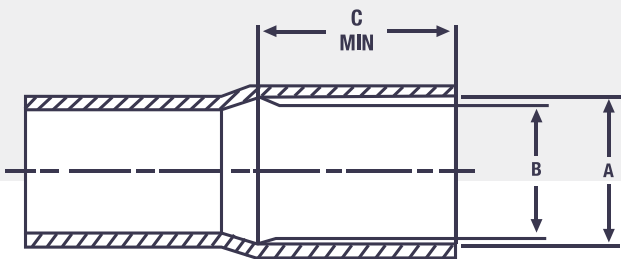
- ⦿ Corrosion Resistance
- ⦿ Chemical Resistance
- ⦿ Impact Resistance
- ⦿ Self-extinguishing
- ⦿ Simple and Easy Joining and Installation"
- ⦿ Low Maintenance
- ⦿ Concrete Tight
- ⦿ Easy Wire Pulls
- ⦿ Durable
- ⦿ Non-magnetic
- ⦿ Non-galvanic



Schedule 40 Electrical Conduit

Dimensional Data

| Nominal Pipe Size | Average Outside Diameter | Minimal Wall Thickness | Average Socket Diameters | | Minimal Socket Depth (C) |
|-------------------|--------------------------|------------------------|--------------------------|---------------|--------------------------|
| | | | At Entrance (A) | At Bottom (B) | |
| 1/2" | 0.84" | 0.109" | 0.852" | 0.836" | 0.652" |
| 3/4" | 1.05" | 0.113" | 1.064" | 1.046" | 0.719" |
| 1" | 1.33" | 0.133" | 1.330" | 1.310" | 0.875" |
| 1 1/4" | 1.66" | 0.140" | 1.677" | 1.655" | 0.938" |
| 1 1/2" | 1.90" | 0.145" | 1.918" | 1.849" | 1.062" |
| 2" | 2.375" | 0.154" | 2.393" | 2.369" | 1.125" |
| 3" | 3.50" | 0.216" | 3.515" | 3.492" | 1.594" |
| 4" | 4.50" | 0.237" | 4.151" | 4.491" | 1.750" |



Fittings

90 degree elbow, 45 degree elbow, coupling, male adapter, female adapter.



Conduits



Wavin is part of Orbia, a community of companies working together to tackle some of the world's most complex challenges. We are bound by a common purpose:
To Advance Life Around the World.

Orbia's Building and Infrastructure business Wavin is an innovative solutions provider for the global building and infrastructure industry. Backed by more than 60 years of product development experience, Wavin is advancing life around the world by building healthy, sustainable environments for global citizens. Whether it's to improve the distribution of clean drinking water, to make sanitation accessible for everyone, to create climate resilient cities, or to design comfortable living spaces, Wavin collaborates with municipal leaders, engineers, contractors, and installers to help future-proof communities, buildings and homes. Wavin has 12,000+ employees around 65 production sites worldwide, serving over 80 countries through a global sales and distribution network.

Wavin 950 Winter Street, South Entrance 1st Floor, Waltham, MA 02451, United States | 5700 Côte de Liesse Montréal, QC H4T 1B1
Phone CAN 514-735-7585 / 1800-561-1169 | US 514-735-3632 / 1800-763-3632 | E-mail wavin.northamerica@wavin.com | wavin.us

© 2025 Wavin Wavin reserves the right to make alterations without prior notice. Due to continuous product development, changes in technical specifications may change. Installation must comply with the installation instructions.