



**PVC Schedule 40 Conduit**

Cellular Core

UL 651 on 1/2" - 6" Sizes

NEMA TC2

**SUBMITTAL SPECIFICATION DATA SHEET**

**1.0 PRODUCT NAME**

PVC Schedule 40 conduit designed for underground, encasement or exposed applications in accordance with UL-651 on 1/2" -6" size and NEMA TC2.

**2.1 PRODUCT DESCRIPTION**

A conduit designed for power and communication systems in underground, encased in concrete or direct burial. PVC conduit is also for use in exposed or concealed applications above ground. Conduit and fittings are available in sizes from 1/2" through 6".

**2.2 COMPOSITION AND MATERIALS**

The conduit shall be made from virgin PVC compound (recognized by UL) as described for Rigid Poly (Vinyl Chloride) PVC in standard specification ASTM D1784. The compound can include inert modifiers to improve weatherability and heat distortion. Clean reworked material, generated by the manufacturer's own conduit production, may be used by the same manufacturer, provided the end products meet the requirements of UL-651 and NEMA TC2.

**3.1 PRODUCT REQUIREMENTS**

Conduit shall be Rocky Mountain Colby, UL listed or approved equal and shall comply with NEMA TC2 and UL 651.

**3.2** Conduit shall provide a smooth raceway for the pulling in of wires and cables. They shall be free of any features that can abrade or otherwise damage wires and cables. The outside surface shall be smooth without chips, blisters, or other defects.

**3.3** Superior weathering and sunlight resistance.

**3.4** Listed for 90° C conductors or cable.

**3.5** Conduit lengths available in 10' or 20' lengths.

**3.6** PVC solvent cements and primers shall be applied in accordance with the cement manufactures recommendations.

**4.1 TECHNICAL DATA**

**4.2** Conduit will meet or exceed the requirements of NEMA TC2 for all sizes and UL-651 specifications on 1/2" -6" size.

**5.1 QUALITY CONTROL**

**5.2** Conduit is listed and inspected by Underwriters Laboratories to UL-651

**5.3**

USA Sizes and Packaging  
PVC SCHEDULE 40 CELLULAR CORE CONDUIT UL-651 & NEMA TC2  
Listed with Underwriters Laboratories

Part Number	Size	Length	OD	ID	Min Wall	Standard Bell Depth	Weight per 100 ft.	Lift Size
504005020U 504005010U	1/2"	20' 10'	0.84	0.622	0.109	1.5"	17	12,000' 6,000'
504007520U 504007510U	3/4"	20' 10'	1.05	0.824	0.113	2"	22	8,800' 4,400'
504010020U 504010010U	1"	20' 10'	1.315	1.049	0.133	2"	32	7,200' 3,600'
504012520U 504012510U	1 1/4"	20' 10'	1.66	1.38	0.14	2"	39	6,600' 3,300'
504015020U 504015010U	1 1/2"	20' 10'	1.9	1.61	0.145	3"	45	4,500' 2,250'
504020020U 504020010U	2"	20' 10'	2.375	2.067	0.154	3.5"	61	2,800' 1,400'
504025020U 504025010U	2 1/2"	20' 10'	2.875	2.469	0.203	3.5"	94	1860' 930'
504030020U 504030010U	3"	20' 10'	3.5	3.068	0.216	3.5"	125	1,760' 880'
504035020U 504035010U	3 1/2"	20' 10'	4	3.548	0.226	3.5"	150	1,260' 630'
504040020U 504040010U	4"	20' 10'	4.5	4.026	0.237	4"	178	1140' 570'
504050020U 504050010U	5"	20' 10'	5.563	5.047	0.258	5"	227	760' 380'
504060020U 504060010U	6"	20' 10'	6.625	6.065	0.28	6" to 6.5"	294	520' 260'
504080020 * 504080010 *	8"	20' 10'	8.652	7.981	0.322		411	280' 140'

\*Product Non UL listed