



PVC Schedule 40 Conduit

Cellular Core

UL 651 – NEMA TC2

SUBMITTAL SPECIFICATION SHEET

1.0 PRODUCT NAME

PVC schedule 40 conduit designed for underground, encasement or exposed applications in accordance with UL-651 and NEMA TC2.

2.1 PRODUCT DESCRIPTION

A conduit designed for power and communications 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 ½” through 8”.

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 Cor-Tek by 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 wreathing 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 manufacturer’s recommendations.

4.1 TECHNICAL DATA

4.2 Conduit will meet or exceed the requirements of NEMA TC2 and UL-651 specifications.

5.0 QUALITY CONTROL

5.1 Conduit is listed and inspected by Underwriters Laboratories to UL-651.

USA Sizes and Packaging

PVC SCHEDULE 40 CELLULAR CORE CONDUIT UL-651 & NEMA TC2

Listed with Underwriters Laboratories

(* 8” Product Non UL Listed)

Part Number	Size	Length	OD	ID	Min Wall	Standard Bell Depth	Weight Per 100 ft.	Lift Size
504005020U 504005010U	1/2"	20' 10'	0.840	0.578	0.109	1.5"	16	12000' 6000'
504007520U 504007510U	3/4"	20' 10'	1.050	0.780	0.113	2"	22	8800' 4400'
504010020U 504010010U	1"	20' 10'	1.315	1.004	0.133	2"	32	7200' 3600'
504012520U 504012510U	1 1/4"	20' 10'	1.660	1.335	0.140	2"	39	6600' 3300'
504015020U 504015010U	1 1/2"	20' 10'	1.905	1.564	0.145	3"	49	4500' 2250'
504020020U 504020010U	2"	20' 10'	2.380	2.021	0.154	3.5"	67	2800' 1400'
504025020U 504025010U	2 1/2"	20' 10'	2.880	2.414	0.203	3.5"	91	1860' 930'
504030020U 504030010U	3"	20' 10'	3.505	3.008	0.216	3.5"	122	1760' 880'
504035020U 504035010U	3 1/2"	20' 10'	4.005	3.486	0.226	3.5"	143	1260' 630'
504040020U 504040010U	4"	20' 10'	4.505	3.961	0.237	4"	175	1140' 570'
504050020U 504050010U	5"	20' 10'	5.563	4.975	0.258	5"	199	760' 380'
504060020U 504060010U	6"	20' 10'	6.630	5.986	0.280	6" to 6.5"	310	520' 260'
504080020-14 * 504080010-14 *	8"	20' 10'	8.630	7.888	0.322	7"	415	280' 140'