



PVC DB120 Conduit

Cellular Core

ASTM F512 F1488 – NEMA TC6, TC8

SUBMITTAL SPECIFICATION SHEET

1.0 PRODUCT NAME

PVC DB120 conduit designed for underground, encasement or exposed applications in accordance with ASTM F1488 (tested to F512) and NEMA TC6, TC8.

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 concealed applications above ground. Conduit and fittings are available in sizes from 1 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 ASTM F512, F1488 and NEMA TC6, TC8.

3.1 PRODUCT REQUIREMENTS

Conduit shall be Cor-Tek by Rocky Mountain Colby, UL listed or approved equal and shall comply with ASTM F512, F1488 and NEMA TC6, TC8.

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 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 ASTM F1488 and NEMA TC6, TC8 specifications.

USA Sizes and Packaging

PVC DB120 CELLULAR CORE CONDUIT ASTM F512, F1488 and NEMA TC6, TC8.

Part Number	Size	Length	OD	ID	Min Wall	Standard Bell Depth	Weight Per 100 ft.	Lift Size
512020020U	2"	20'	2.375	2.189	0.093	3.5"	42	2800'
512025020U	2 1/2"	20'	2.875	2.649	0.113	3.5"	67	1860'
512030020U	3"	20'	3.5	3.246	0.137	3.5"	91	1760'
512040020U	4"	20'	4.5	4.146	0.177	4"	143	1140'
512050020U	5"	20'	5.563	5.125	0.219	5"	219	760'
512060020U	6"	20'	6.625	6.105	0.260	6" to 6.5"	311	520'