



CDT Underground, LLC.

902 North Junett
Tacoma, WA. 98406
253 677-3478

CELLULAR CORE PVC ELECTRICAL CONDUIT

CDT Underground, LLC., is a supplier of Cellular Core PVC electrical conduit. This unique PVC product is specially designed to reduce weight and provides more flexibility and an increase in impact resistance while complying with industry standard specifications for virgin PVC resin as outlined in UL 651A and ASTM D-1784. Cellular Core PVC is also in compliance with ASTM F512, ASTM F1488, NEMA TC 2, TC 6 and TC 8.

Cellular Core PVC electrical conduit is available in 1/2" to 8" and in various types to include Schedule 40, Schedule 80, DB60, DB100 and DB120. PVC conduit is intended for use in direct bury and encased applications. UV inhibitors are available for above ground applications.

Cellular Core PVC conduit is supplied in 10' or 20' lengths, belled on one end and packaged in bundles or lifts. Gray is the standard color however buff and other colors are available upon request.

Markets served by CDT include CATV, telecommunications, utility and DOT.

CELLULAR CORE SCHEDULE 40 PVC CONDUIT SPECIFICATIONS (UL Listed)

DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	LIFT QTY 10'	LIFT QTY 20'	WEIGHT PER FOOT (lbs)
1/2"	0.840	0.622	0.109	6,000	12,000	0.170
3/4"	1.050	0.824	0.113	4,400	8,800	0.220
1"	1.315	1.049	0.133	3,600	7,200	0.320
1-1/4"	1.660	1.380	0.140	3,300	6,600	0.390
1-1/2"	1.900	1.610	0.145	2,250	4,500	0.450
2"	2.375	2.067	0.154	1,400	2,800	0.610
2-1/2"	2.875	2.469	0.203	930	1,860	0.940
3"	3.500	3.068	0.216	880	1,760	1.250
3-1/2"	4.000	3.548	0.226	630	1,260	1.500
4"	4.500	4.026	0.237	570	1,140	1.780
5"	5.563	5.047	0.258	380	760	2.270
6"	6.625	6.065	0.280	260	520	2.940
8"	8.652	7.981	0.322	180	360	4.110

- UL 651
- RUS Listed
- NEMA TC-2
- NEMA TC-3 (Accessories)
- UL Standard 514 B (Accessories)
- General Service Administration (GSA) WC 1094A
- National Electric Code - Article 352
- Sunlight and Weather resistant
- Reduced emissions of smoke & HCL
- Listed for 90° C conductors or cable and direct sunlight
- Rigid nonmetallic raceway for wires and cables in accordance with the NEC
- Superior weathering characteristics



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CELLULAR CORE SCHEDULE 80 PVC CONDUIT SPECIFICATIONS (UL Listed)

DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	LIFT QTY 10'	LIFT QTY 20'	WEIGHT PER FOOT (lbs)
1-1/4"	1.660	1.278	0.191	3,300	6,600	0.560
1-1/2"	1.900	1.500	0.200	2,250	4,500	0.680
2"	2.375	1.939	0.218	1,400	2,800	0.940
2-1/2"	2.875	2.323	0.276	930	1,860	1.460
3"	3.500	2.900	0.300	880	1,760	1.950
3-1/2"	4.000	3.364	0.318	630	1,260	2.480
4"	4.500	3.826	0.337	570	1,140	2.850
5"	5.563	4.813	0.375	380	760	3.960
6"	6.625	5.761	0.432	260	520	5.440

- UL 651
- RUS Listed
- NEMA TC-2
- NEMA TC-3 (Accessories)
- UL Standard 514 B (Accessories)
- General Service Administration (GSA) WC 1094A
- National Electric Code - Article 352
- Sunlight and Weather resistant
- Reduced emissions of smoke & HCL
- Listed for 90° C conductors or cable and direct sunlight
- Rigid nonmetallic raceway for wires and cables in accordance with the NEC
- Superior weathering characteristics

CELLULAR CORE DB-60 PVC CONDUIT SPECIFICATIONS (for direct bury)

DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	LIFT QTY 20'	WEIGHT PER FOOT (lbs)
1-1/2"	1.900	1.780	0.060	4,500	0.280
2"	2.375	2.189	0.093	2,800	0.420
2-1/2"	2.875	2.649	0.113	1,860	0.67
3"	3.500	3.246	0.137	1,760	0.91
4"	4.500	4.146	0.177	1,140	1.43
5"	5.563	5.125	0.219	760	2.19
6"	6.625	6.105	0.260	520	3.11

- NEMA TC 6
- ASTM F512
- ASTM D-1784
- ASTM F1488
- Rate for 90° C Cable



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CELLULAR CORE DB-100 PVC CONDUIT SPECIFICATION (for direct bury)

DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	LIFT QTY 20'	WEIGHT PER FOOT (lbs)
1-1/2"	1.900	1.780	0.060	4,500	0.280
2"	2.375	2.189	0.093	2,800	0.420
2-1/2"	2.875	2.649	0.113	1,860	0.670
3"	3.500	3.246	0.137	1,760	0.910
4"	4.500	4.146	0.177	1,140	1.430
5"	5.563	5.125	0.219	760	2.190
6"	6.625	6.105	0.260	520	3.110

- NEMA TC 8
- ASTM F512
- ASTM D-1784
- ASTM F1488
- Rate for 90° C Cable

CELLULAR CORE DB-120 PVC CONDUIT SPECIFICATION (for direct bury)

DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	LIFT QTY 20'	WEIGHT PER FOOT (lbs)
1-1/2"	1.900	1.780	0.060	4,500	0.280
2"	2.375	2.189	0.093	2,800	0.420
2-1/2"	2.875	2.649	0.113	1,860	0.670
3"	3.500	3.246	0.137	1,760	0.910
4"	4.500	4.146	0.177	1,140	1.430
5"	5.563	5.125	0.219	760	2.190
6"	6.625	6.105	0.260	520	3.110

- NEMA TC 6
- ASTM F512
- ASTM D-1784
- ASTM F1488
- Rate for 90° C Cable