



CDT Underground, LLC.

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

PVC ELECTRICAL CONDUIT

CDT Underground, LLC., is a supplier of PVC electrical conduits and fittings with numerous vendor manufacturing facility locations throughout the continental U.S. The PVC products we supply are manufactured in accordance with industry standards for virgin PVC resin compound as outlined in UL651A and ASTM 1784-81.

PVC electrical conduit is available in 1/2" to 6" and in various types to include Schedule 40, Schedule 80, DB60, DB120, EB20 and EB35. PVC conduit is intended for use in direct bury and encased applications. UV inhibitors are available for above ground applications.

PVC Electrical conduit is supplied in 10' or 20' lengths, belled on one end, gray in color and packaged in bundles or lifts.

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

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	0.164
3/4"	1.050	0.824	0.113	4,400	8,800	0.218
1"	1.315	1.049	0.133	3,600	7,200	0.321
1-1/4"	1.660	1.380	0.140	3,300	6,600	0.434
1-1/2"	1.900	1.610	0.145	2,250	4,500	0.518
2"	2.375	2.067	0.154	1,400	2,800	0.695
2-1/2"	2.875	2.469	0.203	930	1,860	1.096
3"	3.500	3.068	0.216	880	1,760	1.435
3-1/2"	4.000	3.548	0.226	630	1,260	1.691
4"	4.500	4.026	0.237	570	1,140	2.043
5"	5.563	5.047	0.258	380	760	2.776
6"	6.625	6.065	0.280	260	520	3.600

- 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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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)
1/2"	0.840	0.546	0.147	6,000	12,000	0.205
3/4"	1.050	0.742	0.154	4,400	8,800	0.278
1"	1.315	0.957	0.179	3,600	7,200	0.409
1-1/4"	1.660	1.278	0.191	3,300	6,600	0.567
1-1/2"	1.900	1.500	0.200	2,250	4,500	0.686
2"	2.375	1.939	0.218	1,400	2,800	0.949
2-1/2"	2.875	2.323	0.276	930	1,860	1.449
3"	3.500	2.900	0.300	880	1,760	1.938
3-1/2"	4.000	3.364	0.318	630	1,260	2.345
4"	4.500	3.826	0.337	570	1,140	2.833
5"	5.563	4.813	0.375	380	760	3.938
6"	6.625	5.761	0.432	260	520	5.411

- 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
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- Superior weathering characteristics

DB-60 PVC CONDUIT SPECIFICATIONS (for direct bury)

DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	LIFT QTY 20'	WEIGHT PER FOOT (lbs)
2"	2.375	2.245	0.065	2,800	0.337
3"	3.500	2.500	1.000	1,760	0.734
4"	4.500	4.238	0.131	1,140	1.218
5"	5.563	5.325	0.164	760	1.846
6"	6.625	6.623	0.196	520	2.634

- NEMA TC 6
- ASTM F-512
- ASTM D-1784
- RUS Listed
- Rate for 90° C Cable



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DB-120 PVC CONDUIT SPECIFICATION (for direct bury)

DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	LIFT QTY 20'	WEIGHT PER FOOT (lbs)
1"	1.315	1.195	0.060	7,200	0.169
1-1/2"	1.900	1.770	0.065	4,500	0.065
2"	2.375	2.209	0.083	2,800	0.427
2-1/2"	2.875	2.665	0.105	1,860	0.604
3"	3.500	3.246	0.127	1,760	0.910
4"	4.500	4.168	0.166	1,140	1.502
5"	5.563	5.153	0.205	760	2.325
6"	6.625	6.137	0.244	520	3.316

- NEMA TC 8
- ASTM F-512
- ASTM D-1784
- RUS Listed
- Rate for 90° C Cable

EB-20 PVC CONDUIT SPECIFICATION (for encased bury)

DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	LIFT QTY 20'	WEIGHT PER FOOT (lbs)
2"	2.375	2.255	0.060	2,800	0.337
3"	3.500	3.366	0.067	1,760	0.547
4"	4.500	4.322	0.089	1,140	0.901
5"	5.563	5.339	0.112	760	1.397
6"	6.625	6.355	0.135	520	1.969

- NEMA TC 6
- ASTM F-512
- ASTM D-1784
- RUS Listed
- Rate for 90° C Cable

EB-35 PVC CONDUIT SPECIFICATION (for encased bury)

DUCT SIZE	NOMINAL OD	NOMINAL ID	MIN WALL	LIFT QTY 20'	WEIGHT PER FOOT (lbs)
2"	2.375	2.255	0.060	2,800	0.337
3"	3.500	3.336	0.082	1,760	0.584
4"	4.500	4.282	0.109	1,140	1.017
5"	5.563	5.291	0.136	760	1.586
6"	6.625	6.397	0.135	520	2.210

- NEMA TC 8
- ASTM F-512
- ASTM D-1784
- RUS Listed
- Rate for 90° C Cable