

P&C® Duct – Type DB

Prime Conduit nonmetallic P&C Duct Type DB is manufactured from Prime Conduit's exclusive high modulus PVC compound, developed especially for power and communications applications, and is designed for use in direct burial or concrete encased installations. Type DB is rated for 90°C Cable.

Trenching:

Trench should be graded true and free from stones and soft spots. Backfill should also be free of stones and be firmly tamped around the sides of the conduit, to develop maximum supporting strength. Tamping on top of the conduit is not recommended.

Backfill:

In rocky soil where it is impossible to have an even trench bottom, a selected backfill should be put in before laying the conduit. Selected backfill (not tamped) at least 6" over the top of the conduit is recommended. After final backfill is placed, tamping may be used to finish the grade.

The method of direct burial varies with soil condition, load conditions, and engineering preferences. A common practice is to lay one tier at a time, backfill, and repeat with the desired spacing of ducts being made as ducts are layered.

Many companies have used the heavier wall Type DB-120 in a duct-to-duct formation. Where limited loads occur, this type of installation has proven satisfactory.

P&C Duct Type DB-60

Nom. Size	Part Number	Std. Crate Qty. (ft.)	Approx. Wt. per 100 ft (lbs.)	Avg. O.D. (in.)	¹ Min. Wall (in.)
2"	48811-020	2,800	38	2.375	0.060
3"	48813-020	2,000	83	3.500	0.092
3-1/2"	48814-020	2,000	108	4.000	0.107
4"	48815-020	1,140	133	4.500	0.121
5"	48816-020	760	203	5.563	0.152
6"	48817-020	520	283	6.625	0.182



P&C Duct Type DB-120 Heavy Wall

Nom. Size	Part Number 10'	Part Number 20'	Std. Crate Qty. 10' (ft.)	Std. Crate Qty. 20' (ft.)	Approx. Wt. per 100 ft (lbs.)	Avg. O.D. (in.)	² Min. Wall (in.)
1"	-	48808-020	-	8,000	19	1.315	0.060
1-1/2"	-	48810-020	-	4,500	28	1.900	0.060
2"	-	68811-020	-	2,800	47	2.375	0.077
3"	-	68813-020	-	2,000	98	3.500	0.118
4"	-	68815-020	-	1,140	162	4.500	0.154
5"	-	68816-020	-	760	252	5.563	0.191
6"	68817-010	68817-020	260	520	351	6.625	0.227

P&C Duct Type DB-120 Heavy Wall Utility

Nom. Size	Part Number	Std. Crate Qty. (ft.)	Approx. Wt. per 100 ft (lbs.)	Avg. O.D. (in.)	³ Min. Wall (in.)
2"	68811UTL-020	2,800	44	2.375	0.083
3"	68813UTL-020	2,000	98	3.500	0.127
4"	68815UTL-020	1,140	165	4.500	0.166
5"	68816UTL-020	760	252	5.563	0.205
6"	68817UTL-020	520	356	6.625	0.244

¹Type DB-60 meets DB-60/ASTM F-512; Minimum wall thickness relates to 500,000 modulus

²Type DB-120 meets DB-120/ASTM F-512; Minimum wall thickness relates to 500,000 modulus

³Type DB-120 Heavy Wall Utility meets DB-120/ASTM F-512; Minimum wall thickness relates to 400,000 modulus
Meets NEMA Standard TC-6 & 8

One belled end per 10' or 20' length