

PWEagle

**PVC Conduit
& Duct**

Meeting Your Current Needs

PWEagle

Electrical
Products

www.pweagleinc.com

You'll find PW Eagle's complete line of conduit, duct, and fittings ideal for a variety of aboveground and underground power and communication applications—including fiber optics.

Choose Schedule 40 PVC conduit in sizes 1/2" through 6" or Schedule 80 in sizes 1/2" through 6". Also 1" through 6" Direct Burial Duct and 2" through 6" Encased Burial Duct and Communication Duct. Plus, PW Eagle supplies an extensive line of fittings to complete even the most complex installation.

PW Eagle defines responsive: We'll ship your order in 72 hours or less.

We've devoted three West Coast manufacturing locations to producing PVC electrical conduit and duct. Wherever in the Western United States you've got a demanding electrical job to do—PW Eagle's ready to deliver.

PW Eagle is dedicated to continual improvement.

Meeting nationally recognized product standards is only the starting point for PW Eagle. Continual improvement teams of technical and production personnel operate in every PW Eagle manufacturing plant to assure you of minimum product variability and maximum product reliability.



Added value for our loyal customers is the driving force for PW Eagle quality.

All PW Eagle products are warranted to meet all applicable material specifications and to be free from defect in materials and workmanship.

Your purchase of PW Eagle conduit and duct buys you far more than long-lasting, top-grade PVC pipe. You're buying dedication to quality, a wealth of trained employees, well-equipped testing laboratories, and sophisticated manufacturing facilities. You're buying our pride in the name PW Eagle.



Integrated Quality. PW Eagle employs a comprehensive product quality program that includes on-line statistical control monitoring as well as off-line product testing. In addition, Quality and Process Analysts in each manufacturing plant operate as team members with production management to assure product quality throughout PW Eagle.



Polyvinyl chloride's unique qualities offer unequalled ease of installation.

PVC conduit and duct is exceptionally simple to install. PW Eagle PVC conduit cuts easily with a sharp handsaw or PVC cutter, and is securely joined by solvent cement.

PW Eagle PVC lasts nearly forever.

Our rigid, non-conducting PVC is immune to almost all types of corrosives—chemical, biological, or electrochemical—encountered in either underground or aboveground systems. PW Eagle's UL listed conduit conforms to UL's sunlight resistance requirements.



Every length of PW Eagle PVC conduit and duct includes an integral bell end which is simple to install using easy-to-apply solvent cement.

PW Eagle PVC handles easily.

A length of PVC conduit or duct weighs only one-fifth as much as galvanized steel conduit—one-half the weight of aluminum. A full line of fittings makes it easy to connect a PW Eagle PVC system to any other.



Schedule 40 Conduit - UL Listed
Conforms to NEMA TC 2, UL 651

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
½	0.840	0.60	0.109	16
¾	1.050	0.80	0.113	22
1	1.315	1.03	0.133	32
1 ¼	1.660	1.36	0.140	46
1 ½	1.900	1.59	0.145	54
2	2.375	2.04	0.154	73
2 ½	2.875	2.44	0.203	120
3	3.500	3.03	0.216	170
3 ½	4.000	3.51	0.226	200
4	4.500	3.99	0.237	230
5	5.563	5.01	0.258	320
6	6.625	6.02	0.280	412

Schedule 80 Conduit - UL Listed
Conforms to NEMA TC 2, UL 651

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
½	0.840	0.52	0.147	21
¾	1.050	0.72	0.154	28
1	1.315	0.93	0.179	41
1 ¼	1.660	1.25	0.191	57
1 ½	1.900	1.47	0.200	69
2	2.375	1.90	0.218	95
2 ½	2.875	2.28	0.276	150
3	3.500	2.85	0.300	200
4	4.500	3.77	0.337	290
5	5.563	4.76	0.375	400
6	6.625	5.70	0.432	540

Encased Burial EB-20 Utility Duct - UL Listed
Conforms to NEMA TC 6&8, UL 651A, ASTM F 512

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
2	2.375	2.24	0.060	32
3	3.500	3.36	0.061	53
4	4.500	4.32	0.082	88
5	5.563	5.34	0.103	140
6	6.625	6.35	0.125	190

Encased Burial EB-35 Utility Duct
Conforms to NEMA TC 6&8, ASTM F 512

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
3	3.500	3.33	0.076	64
4	4.500	4.28	0.100	110
5	5.563	5.29	0.126	160
6	6.625	6.29	0.152	230

You may rely on PW Eagle for product excellence across a wide range of PVC pipe markets.



PW Eagle is one of the largest producers of PVC pipe in North America, and our products are available from distributors throughout the United States. PW Eagle produces PVC pipe for a variety of applications servicing the potable water, well casing, sewer, turf, agriculture, plumbing, communications and electrical markets. Our eleven manufacturing facilities in Oregon, Washington, California, Utah, Nebraska, Texas, Missouri and West Virginia assure on-time delivery.

Direct Burial DB-60 Utility Duct

Conforms to NEMA TC 6&8, ASTM F 512

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
2	2.375	2.24	0.060	35
3	3.500	3.30	0.092	76
4	4.500	4.24	0.121	130
5	5.563	5.23	0.152	190
6	6.625	6.23	0.182	270

Direct Burial DB-100 Utility Duct

Conforms to NEMA TC 6&8, ASTM F 512

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
3	3.500	3.26	0.112	89
4	4.500	4.18	0.145	150
5	5.563	5.17	0.179	230
6	6.625	6.16	0.213	320

Direct Burial DB-120 Utility Duct

Conforms to NEMA TC 6&8, ASTM F 512, PTS-66 (1", 1 1/2", 2" only)

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
1	1.315	1.18	0.060	18
1 1/2	1.900	1.77	0.060	28
2	2.375	2.21	0.077	43
2 1/2*	2.875	2.67	0.099	65
3	3.500	3.24	0.118	95
4	4.500	4.17	0.154	160
5	5.563	5.15	0.191	240
6	6.625	6.13	0.227	340

* Not included in ASTM F512 or NEMA TC6&8

Pacific Bell Type C-Duct Telephone Duct

Conforms to Pacific Bell Spec. PTS-77

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
4	4.350	4.03	0.149	150

Qwest Type C-Duct Telephone Duct

Conforms to Qwest Spec. CAO 8546 (Beige in color)

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
4	4.350	4.03	0.149	150

GTE Telephone Duct

Conforms to GTE Spec. GTS 8342

Trade Size	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
2	2.375	2.21	0.077	43
4	4.500	4.18	0.145	150

Notes:

- SCH 40 and SCH 80 conduit conforms to UL 651, including 90°C rating and sunlight resistance criteria.
- SCH 40 and SCH 80 conduits are provided in 10' total length, with 20' total length available. GTE Telephone Duct is provided with 20' lay length. All other ducts are provided in 20' total length.
- All conduit and duct are provided with integral solvent-weld bells. Plain-end conduit and duct may be available.
- Conduit and duct color is gray, except where noted.

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