

PWEagle

**PVC Drop Pipe &
Well Casing**

The Right Fit Inside and Out



PWEagle

**Irrigation &
Plumbing
Products**

Threaded Drop Pipe

PW Eagle produces a highly dependable, environmentally friendly product which is easier to handle and less expensive to ship than comparable steel casing.

PW Eagle's PVC Drop Pipe

PW Eagle PVC threaded drop pipe stands up to the rigors of heavy handling, yet is less than one seventh the weight of steel pipe. Drop pipe is economical and easy to install, and its smooth walls improve the flow of water by reducing loss caused by friction.

PW Eagle threads each length of pipe individually and the couplings are beveled and machined to form a perfect fit.

Manufactured to exacting standards

PW Eagle drop pipe is made from PVC compound meeting cell class 12454 per ASTM D 1784. The pipe conforms to specifications set forth by ASTM D 1785. Drop pipe is manufactured in 20' overall lengths. The 1" and 1¼" diameter pipes come with thread protectors on each end. PW Eagle drop pipe is listed to ANSI/NSF Standard 61 for potability and is backed with a 15-year limited warranty.



PW Eagle has 1" and 1¼" threaded couplings for its drop pipe. They are machined under the strictest standards, using extruded PW Eagle PVC coupling stock with a wall thickness 30% heavier than Schedule 120 to ensure increased strength and reliability.

PVC Drop Pipe

Schedule 80 Threaded Drop Pipe

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Pressure Rating (psi)	Approximate Weight (lbs/100')
1	1.315	0.93	0.179	320	42
1¼	1.660	1.25	0.191	260	58
1½	1.900	1.47	0.200	240	70
2	2.375	1.90	0.218	200	97

PVC Drop Pipe

Schedule 120 Threaded Drop Pipe

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Pressure Rating (psi)	Approximate Weight (lbs/100')
1	1.365	0.89	0.200	360	46
1¼	1.660	1.20	0.215	300	64
1½	1.900	1.42	0.225	270	78
2	2.375	1.84	0.250	240	110

Well Casing



PW Eagle's PVC Well Casing

Rugged and lightweight, PW Eagle well casing is easy to handle and assemble, making it an ideal choice over heavier steel casing. The male end is beveled and has an insertion line that indicates proper insertion depth during assembly of the bell joint.

Deeper bell depth for a stronger bond

The bell depth of PW Eagle well casing is greater than the minimum requirement of ASTM F 480. This gives you up to 29% more surface area in which to bond the lengths of well casing together, resulting in a more durable joint.

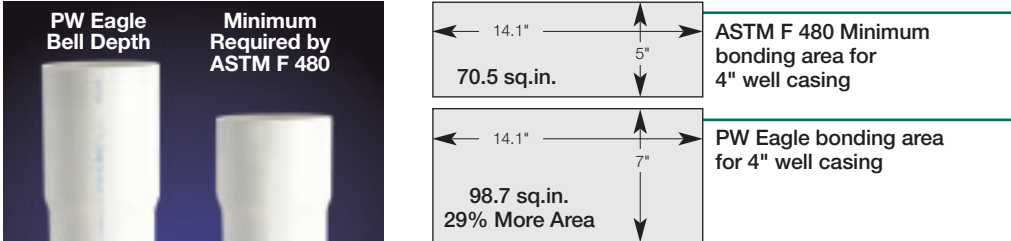
Easy to install, manufactured to last

PW Eagle well casing comes in 20' hanging lengths and is manufactured from the highest quality PVC compound meeting cell class 12454 per ASTM D 1784.

It is listed to ANSI/NSF Standard 61 for potability and meets or exceeds the specifications set forth by ASTM F 480. PW Eagle well casing is manufactured with an IC-0 impact classification.

PW Eagle well casing is dual marked for well casing and pressure applications. Except for 4½" products, the pipe also meets the pressure pipe standards ASTM D 1785 or ASTM D 2241.

Comparison of Bonding Surface Areas



PVC Well Casing						
	Nominal Pipe Size (inches)	Maximum Bell Outside Diameter (inches)	Average Outside Diameter (inches)	Approximate Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
Type 125 SDR 32.5	4	5½	4.500	4.20	0.138	130
	6	7¾	6.625	6.18	0.204	270
	8	9¾	8.625	8.05	0.265	460
Type 160 SDR 26	4	5½	4.500	4.13	0.173	160
	4½	5¾	4.950	4.54	0.190	190
	5	6⅝	5.563	5.10	0.214	240
	6	7¾	6.625	6.07	0.255	330
	8	9¾	8.625	7.91	0.332	590
	10	12½	10.750	9.86	0.413	910
Type 200 SDR 21	4	5½	4.500	4.04	0.214	190
	4½	5¾	4.950	4.44	0.236	240
	5	6⅝	5.563	4.99	0.265	300
	6	7¾	6.625	5.94	0.316	410
	8	9¾	8.625	7.74	0.410	690
	10	12½	10.750	9.65	0.511	1110
	12	14¾	12.750	11.45	0.606	1570
Type 250 SDR 17	4½	5¾	4.950	4.32	0.291	290
	5	6⅝	5.563	4.86	0.327	360
	6	7¾	6.625	5.79	0.390	520
Schedule 40	4	5½	4.500	3.99	0.237	210
	4½	5¾	4.950	4.41	0.248	250
	5	6⅝	5.563	5.01	0.258	290
	6	7¾	6.625	6.02	0.280	370
	8	9¾	8.625	7.93	0.322	590
	10	12½	10.750	9.96	0.365	780
	12	14¾	12.750	11.88	0.406	1030

PW Eagle combines three decades of success with tomorrow's technology

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.

Note: PW Eagle product specifications and warranties are continually updated. If more than 12 months have passed since the date of this brochure, call your PW Eagle representative and ask about changes.

PW Eagle Facilities Are Located In:

- ① Tacoma, Washington
- ② Sunnyside, Washington
- ③  Eugene, Oregon (and Corporate Headquarters)
- ④ Cameron Park, California
- ⑤ Visalia, California
- ⑥ Perris, California
- ⑦ West Jordan, Utah
- ⑧ Hastings, Nebraska
- ⑨ Conroe, Texas
- ⑩ Columbia, Missouri
- ⑪ Buckhannon, West Virginia



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