

PRODUCT OVERVIEW

CERTA-LOK® PVC WELL CASING

Industry Standard for Quick, Easy, Time Saving Installation

Westlake Pipe & Fittings provides a wide assortment of PVC pipe products for the drinking water, aquifer storage and recovery system, geothermal standing column and agricultural irrigation well markets, including Certa-Lok restrained joint well casing and drop pipe with sizes ranging from 2" to 17.4".

The Certa-Lok® Difference

Certa-Lok PVC Well Casing represents a new evolution in well products, offering distinct advantages that will boost your bottom line:

- **Cost effective** – Lower installed cost on an annualized basis compared to conventional casing.
- **Reliable** – The Certa-Lok joint has been used for over 40 years in demanding water supply applications.
- **Easy to handle** – Weight is much less than comparable steel casing.
- **Instant joint** – Joint achieves full strength immediately upon assembly in all weather conditions.
- **Weather resistant** – Heat, cold, moisture, humidity, and wind do not affect Certa-Lok PVC Well Casing assembly or disassembly.
- **Solvent-free, environmentally sound** – The environmentally acceptable Certa-Lok joint is ideal for monitoring well applications.
- **Adaptable** – A full line of Certa-Lok adapters facilitates connection to plain-end PVC casing and threaded casing.
- **Easy removal** – Certa-Lok casing can be quickly disassembled and removed from the bore hole without having to cut joints. Reinstallation does not require the use of special solvent weld couplings.



Certa-Lok Dimensions, Weight & Performance Data

Nom. Size	O.D.	Class	Min. Wall Thickness	I.D. Min.	Bell O.D.	Casing Weight lbs./ft.	Max. Tensile Strength (lbs.)	R.H.C.P. (psi)	Max. Internal Pressure (psi)	Part Number
Certa-Lok Integral Bell										
4"	4.500	SCH 40	0.237	3.951	5.063	2.09	4,900	152	115	34S0400202100F
4 1/2"	4.950	SCH 40	0.248	4.368	5.563	2.43	4,700	130	130	34S04502021020
		SDR 17	0.291	4.272	5.625	2.82	6,300	215	160	34D04502021020
5"	5.563	SDR 21/SCH 40	0.265	4.946	6.188	2.92	6,300	111	130	34G05002021020
		SDR 17	0.327	4.808	6.313	3.56	8,500	215	180	34D05002021020
		SCH 80	0.375	4.700	6.438	4.05	8,500	329	215	34T05002021020
6"	6.625	SCH 40	0.280	5.970	7.313	3.68	8,500	77	115	34S06002021000
		SDR 21	0.316	5.890	7.375	4.13	8,800	111	150	34G06002021000
		SDR 17	0.390	5.724	7.500	5.04	10,000	215	200	34D06002021000
6 1/8"	6.900	SDR 21	0.329	6.137	7.688	4.47	7,400	111	160	34G06902021000
6.9"	6.900	SDR 17	0.406	5.965	7.688	5.44	9,400	215	200	34D06902021000
8"	8.625	SDR 17	0.508	7.450	9.625	8.59	17,000	215	140	34D08002021000
10"	10.750	SDR 17	0.632	9.294	12.188	13.40	24,200	215	160	34D10002021000
12"	12.750	SDR 17	0.750	11.020	14.250	18.79	29,000	215	200	34D12002021000
Nom. Size	O.D.	Class	Min. Wall Thickness	I.D. Min.	Coupling Weight (lbs.)	Casing Weight lbs./ft.	Max. Tensile Strength (lbs.)	R.H.C.P. (psi)	Max. Internal Pressure (psi)	Part Number
Certa-Lok Coupled (Includes Casing and Coupling)										
14"	14.000	SDR 17	.824	12.071	22.15	22.09	36,440	215	150	34D14002031000
16"	16.000	SDR 26	.616	14.535	34.40	19.31	35,200	58	150	34I16002031000
		SDR 17	.941	13.807	34.40	28.86	35,200	215	150	34D16002031000
17.4"	17.400	SDR 17	1.024	15.021	26.00	34.16	37,000	215	125	34D17402031000

FG = Fiberglass Coupling

PVC = PVC Coupling

R.H.C.P. = Resistance to Hydraulic Collapse Pressure (predicted failure point at room temperature – no safety factor included). See brochure on the *Selection of PVC Well Casing Based on Hydraulic Collapse Considerations*, for additional details.

*Dimensions in all tables are in inches. All dimensions and weights are subject to manufacturing tolerances.

**Standard setting length = 20'.