Westlake
Pipe & Fittings

Certa-Lok® Integral Bell PVC Well Casing Certification

Certa-Lok® Integral Bell PVC Well Casing (sizes 4" through 12"; SDR 21, SDR 17, Schedule 40, and Schedule 80), provided by Westlake Pipe & Fittings, is manufactured in accordance with the dimensions, materials, quality control, and marking specifications found in **ASTM F480**. The PVC material conforms to a minimum cell classification of 12454 as defined by **ASTM D1784.** Standard well casing has a lay length of 20 feet. Pipe and fittings supplied for well casing applications are white in color.

The Certa-Lok Integral Bell PVC Well Casing pipe system provides a restrained joint by utilizing precision-machined grooves on the pipe spigot and inside the pipe bell. When assembled, a spline is inserted through an entry hole in the pipe bell, resulting in a continuous circumferential restrained joint that locks the segments of pipe together. A flexible elastomeric gasket located in a groove in the pipe bell provides a hydraulic pressure seal.

All products are supplied with acrylonitrile-butadiene rubber (NBR) gaskets that meet **ASTM F477**. Certa-Lok Integral Bell PVC Well Casing using these gaskets is safe for potable water usage and is listed by NSF International to **NSF 61** and **NSF 14**. (ASTM F480 does not cover gasketed joints, so the NSF 14 listing only covers the casing by itself.) Our Certa-Lok Well Casing fittings are made from PVC well casing or pipe that also is listed **NSF 61**.

Certa-Lok Integral Bell PVC Well Casing meets the following impact classes per **ASTM F480**:

- IC-0 – 4", 4-1/2"
- IC-1 – 5", 6", 6-1/8", 6-1/4", 8", 10", 12"

Our Certa-Lok Integral Bell PVC Well Casing is offered in a variety of slotted options to be used in well or underdrain applications.

Certifications are based on the applicable edition of the referenced standard in effect on the date of manufacture. If we may be of further assistance, please contact Technical Services at technical@westlakepipe.com.

Sincerely,

Joshua E. Clapper
Director, Product Marketing, Marketing and Development

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Reference Standards:

- **ASTM D1784** *Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds*
- **ASTM F477** *Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*
- **ASTM F480** *Standard Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80*
- **NSF 14** *Plastics Piping System Components and Related Materials*
- **NSF 61** *Drinking Water Components – Health Effects*