



Certa-Lok® PVC Well Casing Certification

To Whom It May Concern:

Certa-Lok® PVC Well Casing (sizes 14" through 24"; SDR 26 and SDR 17) is manufactured by North American Specialty Products, an affiliate company of North American Pipe Corporation. The PVC material conforms to a minimum cell classification of 12454 as defined by **ASTM D1784**. Standard well casing has a length of 20 feet. The standard pipe laying length is 20 or 40 feet. PVC casing and fittings supplied for well casing applications are white or blue in color. Optional glass fiber reinforced resin composite couplings are available for the 24" size and are tan in color.

The Certa-Lok well casing and coupling system provides a restrained joint by utilizing precision-machined grooves on the well casing spigot ends and in the coupling. When assembled, splines are inserted through entry holes in the coupling, resulting in a continuous circumferential restrained joint that locks the casing and coupling together. Flexible elastomeric gaskets located in grooves on both sides of the coupling provide a hydraulic pressure seal.

The 16" SDR 26 Certa-Lok PVC Well Casing products are manufactured in accordance with the dimensions, materials, quality control, and marking specifications found in **ASTM F480** and are listed by NSF International to **NSF 14**.

In order to meet the needs of the well-drilling market, North American Specialty Products has developed 14" SDR 17, 16" SDR 17, 17.4" SDR 17, and 24" SDR 17; Certa-Lok PVC Well Casing products that are not explicitly described in ASTM F480. These additional products are subjected to the same quality control standards of ASTM F480 and our internal specifications as the rest of the Certa-Lok® Restrained Joint PVC Well Casing line.

All Certa-Lok Restrained Joint PVC Well Casing and couplings are safe for potable water usage and are listed by NSF International to **NSF 61**. Our Certa-Lok Well Casing fittings are made from PVC well casing or pipe that also is listed to **NSF 61**. All products are supplied with isoprene/styrene-butadiene rubber blend (IR/SBR) gaskets that are NSF approved to **ASTM F477** and **NSF 61**.

Certa-Lok Well Casing, sizes 14" through 16", meets the IC-1 impact class per ASTM F480.

Our Certa-Lok 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@northamericanpipe.com.

Sincerely,

North American Pipe Corporation

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*