

## Certa-Lok® PVC Drop Pipe Certification

Certa-Lok® PVC Drop Pipe (sizes 2" through 8"; Schedule 80), provided by Westlake Pipe & Fittings, is manufactured in accordance with the dimensions, materials, quality control, and marking specifications found in **ASTM D1785**. The PVC material conforms to a minimum cell classification of 12454 as defined by **ASTM D1784**. The pipe compounds are listed in **PPI TR-4** as a Standard Grade material with a Hydrostatic Design Basis (HDB) of 4000 psi. The standard pipe length is 10 or 20 feet. Pipe and couplings supplied for drop pipe applications are white in color.

The Certa-Lok pipe and coupling system provides a restrained joint by utilizing precision-machined grooves on the pipe 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 pipe and coupling together. Flexible elastomeric seals located in grooves on both sides of the coupling provide a hydraulic pressure seal. Finally, stainless steel torque control set screws are inserted into the coupling to prevent spin.

Certa-Lok Drop Pipe joints meet the requirements of **ASTM D3139**. All products are supplied with acrylonitrile butadiene rubber (NBR) gaskets that meet **ASTM F477**. Certa-Lok PVC Drop Pipe, couplings, and fittings using these gaskets are safe for potable water usage and are listed by NSF International to **NSF 61**. Splines supplied with couplings are not in contact with water in the pipe, and thus are not listed to NSF 61.

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](mailto:technical@westlakepipe.com).

Sincerely,



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

### Reference Standards:

- **ASTM D1784** *Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds*
- **ASTM D1785** *Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120*
- **ASTM D3139** *Standard Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals*
- **ASTM F477** *Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*
- **NSF 61** *Drinking Water Components – Health Effects*
- **PPI TR-4** *HDB/HDS/SDB/PDB/MRS Listed Materials*