



Certa-Set® PVC Piping System Certification

To Whom It May Concern:

Certa-Lok® PVC Drop Pipe (sizes 2" through 8"; Schedule 80), provided by NAPCO, 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 laying 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 either acrylonitrile butadiene rubber either (NBR) or isoprene/styrene-butadiene rubber blend (IR/SBR) gaskets that comply with **ASTM F477** and **NSF 61**.

NAPCO Certa-Lok® PVC Drop Pipe and couplings are safe for potable water usage and are listed by NSF International to meet **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@napcopipe.com.

Sincerely,

NAPCO

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*
- **PPI TR-4** *HDB/HDS/SDB/PDB/MRS Listed Materials*