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C900/RJIB Certa-Lok[®] PVC Pressure Pipe Certification

To Whom It May Concern:

C900/RJIB Certa-Lok[®] PVC Pressure Pipe (sizes 6" through 12", DR 18 and DR 14), provided by NAPCO, is manufactured in accordance with the dimensions, materials, quality control, and marking specifications found in **AWWA C900-16**. The PVC pipe material conforms to a minimum cell classification of 12454 as defined by **ASTM D1784**. The pipe compound is 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 20 feet.

The C900/RJIB Certa-Lok 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.

C900/RJIB Certa-Lok pipe joints meet the requirements of **ASTM D3139**. All products are supplied with isoprene/styrene-butadiene rubber blend (IR/SBR) gaskets that meet the requirements of **ASTM F477**.

Potable Water Applications

Pipe supplied for potable water applications is blue in color. The gasket material used by our vendors is listed by NSF International to **NSF 61** and **NSF 14** for compliance with **ASTM F477**. C900/RJIB Certa-Lok potable water pipe using those gaskets is listed by NSF International to **NSF 61**, Factory Mutual to **FM 1612**, and Underwriters Laboratory to **UL 1285**. In addition, products made in our McPherson, KS plant are listed to **NSF 14** for compliance to **AWWA C900**.

Sewer Applications

Pipe supplied for sewer applications is green in color and not listed by Underwriters Laboratories, Factory Mutual, or NSF International.

Reclaimed Water Applications

Pipe supplied for reclaimed water applications is purple in color and not listed by Underwriters Laboratories, Factory Mutual, or NSF International.

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:

- **AWWA C900-16** *Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 In. Through 60 In. (100 mm Through 1500 mm)*
- **ASTM D1784** *Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds*
- **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*
- **FM 1612** *Approval Standard for Polyvinyl Chloride (PVC) Pipe and Fittings for Underground Fire Protection Service*
- **NSF 14** *Plastic Piping System Components and Related Materials*
- **NSF 61** *Drinking Water Components – Health Effects*
- **PPI TR-4** *HDB/HDS/SDB/PDB/MRS Listed Materials*
- **UL 1285** *Pipe and Couplings, Polyvinyl Chloride (PVC), and Oriented Polyvinyl Chloride (PVCO) for Underground Fire Service*