



## ASTM D3034/IB Gasketed Integral Bell PVC Gravity Sewer Pipe Certification

To Whom It May Concern:

ASTM D3034/IB Gasketed Integral Bell PVC Gravity Sewer Pipe (sizes 4" through 15"; SDR 35, SDR 26, and SDR 23.5), provided by NAPCO, is manufactured in accordance with **ASTM D3034**. The PVC material conforms to a minimum cell classification of 12454 or 12364 as defined by **ASTM D1784**. The standard pipe laying length is 14 or 20 feet. Pipe supplied for gravity sewer applications is green in color.

ASTM D3034 gasketed pipe products are offered in solid wall plain end, solid wall bell end, 2 row perforated bell end, and 3 row perforated bell end designs. All perforation holes are 1/2" in diameter, on 5" centers, and parallel to the axis of the pipe. The rows of the 2 row perforated design are spaced 120° apart. The rows of the 3 row perforated design are spaced 60° apart.

Gasketed Integral Bell pipe products meet the requirements of **ASTM D3212**. Unless otherwise specified, all products are supplied with styrene-butadiene rubber (SBR) gaskets. Acrylonitrile butadiene rubber (NBR) and ethylene propylene diene monomer rubber (EPDM) gaskets are available as optional upgrades. All gasket material options meet the requirements of **ASTM F477**.

These products provide a minimum pipe stiffness of 46 psi (SDR 35), 115 psi (SDR 26), or 153 psi (SDR 23.5) as defined by **ASTM D2412**.

The following pipe products made at our Lodi, CA; Wichita Falls, TX; and Yucca, AZ plants are listed by **IAPMO** to be in compliance with the **Uniform Plumbing Code (UPC®)**, **International Plumbing Code (IPC®)**, and **ASTM D3034**:

- SDR 35 – 4", 6", 8", 10", 12", 15"
- SDR 26 – 4", 6", 8", 10", 12", 15"
- SDR 23.5 – 4", 6"

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](mailto: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 D2412** *Standard Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading*
- **ASTM D3034** *Standard Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings*
- **ASTM D3212** *Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals*
- **ASTM F477** *Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*