

## ASTM F758 Solvent Weld PVC Highway Underdrain Pipe Certification

ASTM F758 Solvent Weld PVC Highway Underdrain Pipe (sizes 4", 6" and 8"; PS28 and PS46), provided by NAPCO, is manufactured in accordance with **ASTM F758**. The PVC material conforms to cell classification 12454 or 12364 as defined by **ASTM D1784**. The standard pipe laying length is 10 or 20 feet. Pipe supplied for underdrain applications is green in color.

ASTM F758 solvent weld pipe products are offered in 2 row perforated bell end (4" only) and 4 row perforated bell end (all sizes) configurations. All perforation holes are 1/4" to 3/8" in diameter, on 3-1/4" centers, and parallel to the axis of the pipe. The rows of the 2 row perforated design are spaced 120° apart. For the 4 row perforated design, the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> rows are spaced 30°, 130° and 160° apart from the 1<sup>st</sup> row of holes.

These products provide a minimum pipe stiffness of 28 psi or 46 psi as defined by **ASTM D2412**.

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 D2412** *Standard Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading*
- **ASTM F758** *Standard Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Plastic Underdrain Systems for Highway, Airport, and Similar Drainage*