

SUBMITTAL FOR CHARLOTTE PIPE® PVC D 2729 SEWER AND DRAIN PIPE

Date: _____

Job Name: _____

Location: _____

Engineer: _____

Contractor: _____

► Scope:

This specification covers PVC D 2729 Sewer pipe for drainage applications. This systems is intended for drainage applications where the operating temperature will not exceed 140°F.

► Specification:

Pipe shall be manufactured from virgin rigid PVC (polyvinyl chloride) vinyl compounds with a cell class of 12454 as identified in ASTM D 1784. PVC D 2729 Sewer Pipe dimensions and physical properties shall conform to ASTM D 2729. All pipe shall be manufactured in the United States.

► Installation:

Installation shall comply with the latest installation instructions published by Charlotte Pipe and Foundry and shall conform to all applicable plumbing, fire, and building code requirements. Buried pipe shall be installed in accordance with ASTM D 2321 and ASTM F 1668. Solvent cement joints shall be made in a two-step process with primer conforming to ASTM F 656 and solvent cement conforming to ASTM D 2564. The system shall be protected from chemical agents, fire-stopping materials, thread sealant, plasticized-vinyl products or other aggressive chemical agents not compatible with PVC compounds. The system shall be hydrostatically tested after installation **WARNING!** Never test with or transport/store compressed air or gas in PVC pipe or fittings. Doing so can result in explosive failures and cause severe injury or death.

► Referenced Standards:

- ASTM D 1784 Rigid Vinyl Compounds
- ASTM D 2729 PVC Sewer Pipe
- ASTM D 2564 Solvent Cements for PVC Pipe and Fittings
- ASTM F 656 Primers for PVC Pipe and Fittings
- ASTM D 2321 Underground Installation of Thermoplastic Pipe (non-pressure applications)
- ASTM F 1668 Procedures for Buried Plastic Pipe

PVC Sewer and Drain Pipe

PVC ASTM D 2729 Pipe

| SOLVENT WELD BELLED END | | | | ASTM D 2729 | | | |
|-------------------------|-----------|---------------|---------------|---------------|-----------------|------------------|------------------------|
| PART NO. | NOM. SIZE | UPC # 611942- | QTY. PER SKID | AVG. OD (IN.) | MIN. WALL (IN.) | BELL DEPTH (IN.) | WT. PER 100 FT. (LBS.) |
| PVC 30030 | 3" x 10' | 10903 | 810' | 3.250 | 0.070 | 3.00 | 52.8 |
| PVC 30040 | 4" x 10' | 10905 | 500' | 4.215 | 0.075 | 3.50 | 70.4 |
| PVC 30060 | 6" x 10' | 15149 | 330' | 6.275 | 0.100 | 4.00 | 129.0 |

Perforated PVC ASTM D 2729 Pipe

| SOLVENT WELD BELLED END | | | | ASTM D 2729 | | | |
|-------------------------|-----------|---------------|---------------|---------------|-----------------|------------------|------------------------|
| PART NO. | NOM. SIZE | UPC # 611942- | QTY. PER SKID | AVG. OD (IN.) | MIN. WALL (IN.) | BELL DEPTH (IN.) | WT. PER 100 FT. (LBS.) |
| PVC 30030P | 3" x 10' | 11814 | 1040' | 3.250 | 0.070 | 3.00 | 52.8 |
| PVC 30040P | 4" x 10' | 11815 | 500' | 4.215 | 0.075 | 3.50 | 70.4 |

Perforated pipe is supplied with two rows of 1/2" diameter holes every five inches. Rows are parallel to the pipe axis and are 120° apart.

Weight is approximate and is for shipping purposes only.

Pipe listed meets or exceeds the requirements of ASTM D 2729.

**Perforation Detail
2-Hole 120 Degree**

