

# 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:

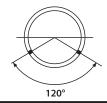
ASTM D 1784	Rigid Vinyl Compounds
ASTM D 2729	PVC Sewer Pipe
ASTM D 2564	Solvent Cements for PVC Pipe and Fittings
ASTM F 656	Primers for PVC Pipe and Fittings
ASTM D 2321	Underground Installation of Thermoplastic Pipe (non-pressure applications)
ASTM F 1668	Procedures for Buried Plastic Pipe

# **PVC Sewer and Drain Pipe**

## **PVC ASTM D 2729 Pipe**

SOLVENT WELD BELLED END ASTM							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	1130′	3.250	0.070	3.00	52.8
PVC 30040	4" x 10'	10905	670′	4.215	0.075	3.50	70.4
PVC 30060	6" x 10'	15149	330′	6.275	0.100	4.00	129.0

Perforation Detail 2-Hole 120 Degree



## 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	1130′	3.250	0.070	3.00	52.8
PVC 30040P	4" x 10'	11815	670′	4.215	0.075	3.50	70.4

Perforated pipe is supplied with two rows of  $1/2^{\prime\prime}$  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 ASTMD 2729.

