

Product Specifications

System: PVC D 2729 Sewer and Drain Pipe

Scope: This specification covers PVC D 2729 Sewer Pipe for drainage applications. This pipe 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 shall comply with the latest installation instructions published by Charlotte Pipe and Foundry and shall conform to all applicable plumbing, building, and fire 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. Systems shall be hydrostatically tested after installation. **WARNING!** Never test with or transport/store compressed air or gas in PVC pipe or fittings.

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	Primer for PVC Pipe and Fittings
ASTM D 2321	Underground Installation of Thermoplastic Pipe (non-pressure applications)
ASTM F 656	Primers for PVC Pipe and Fittings
ASTM F 1668	Procedures for Buried Plastic Pipe

*Note: Latest revision of each standard applies.

Short Specification:

Pipe shall be manufactured from PVC compound with a cell class of 12454 per ASTM D 1784. Pipe dimensions and physical properties shall conform to ASTM D 2729.

All pipe to be produced by a single manufacturer and to be installed in accordance with manufacturer's recommendations and all applicable code requirements. Solvent cements shall conform to ASTM D 2564, primer shall conform to ASTM F 656. The pipe is to be manufactured by Charlotte Pipe and Foundry Company and is intended for drainage applications where the temperature will not exceed 140°F.

PVC Sewer and Drain ASTM D 2729							
Nominal Size	Part No.	UPC 611942-	Type	O.D. (In.)	Min. Wall (In.)	Ft/Skid	Wt/100' (Lbs.)
3"	PVC 30030	10903	Solid	3.250	0.070	810	52.8
3"	PVC 30030P	11814	Perforated	3.250	0.070	810	52.8
4"	PVC 30040	10905	Solid	4.215	0.075	500	70.4
4"	PVC 30040P	11815	Perforated	4.215	0.075	500	70.4

Perforation Detail 2-Hole 120 Degree

