



**Summary of Substantive Changes
between the 2011 and the 2018 editions of
ASTM D2729, “Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings”**

Presented to the IAPMO Standards Review Committee on April 9, 2018

General: The changes to this standard should not have an impact on currently listed products. The changes are largely editorial, formatting and clarification and include:

- Added SI dimensions for the pipe lay lengths (See section 6.2.5.2).
- Changed the weight and drop height for the SI metric Tup impact resistance test (See Table 1).

Section 3, Terminology:

3.1.1 ~~Pipe having perforations is called perforated pipe; without perforations it is called standard pipe.~~
perforated pipe—pipe having holes cut through the wall along its length.

Section 4, Significance and Use: This section was moved up from Section 7 as follows:

~~7. Significance and Use~~ 4. Significance and Use

Section 5, Materials

~~4.1.5.1 General—The pipe shall be made from virgin cell PVC compound with a cell classification of 12164 with a minimum tensile strength of 4000 psi (28 MPa), or 12454 poly(vinyl chloride) compounds, as defined and described in Specification D1784. The fittings shall be made from virgin poly(vinyl chloride) compounds of cell classification PVC 12454, or PVC 13343. PVC Compounds that have different cell classification because one or more properties are superior to those of the specified compounds are also acceptable.~~

Section 6.2.5, Dimensions: The SI dimensions were included as follows:

~~5.2.5.2~~ 6.2.5.2 Pipe shall be supplied in 10 ft 6 1/4-in. (3.05 m 6 6 mm) laying lengths unless otherwise specified.

Section 11, Certification: This section was moved down from Section 9 as follows

~~9. Certification~~ 11. Certification

Table 1, Impact Strength Requirements for PVC Sewer Drain Pipe at 23°C (73°F): Changed the weight and drop height for the SI metric Tup impact resistance test as follows:

TABLE 1 Impact Strength Requirements for PVC Sewer and Drain Pipe at 23°C (73°F)

Nominal Pipe Size, in.	Drop Height	
	ft (20-lb Tup A)	mm (9.14-kg Tup A)
2	1.75	4850.53
3	2.00	0.61565
4	2.25	0.69626
5	3.00	0.91430
6	3.50	1.07970