

## STANDARD INFORMATION

**Standard Number:** ASTM F1412

**Standard Name:** Standard Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems

**Standard Edition and Issue Date:** 2016 Edition Dated February 1, 2016

**Date of Revision:** February 1, 2016

**Date of Previous Revision of Standard:** January 15, 2009

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **10/31/2019**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revise requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

### Overview of Changes:

- Revised Heat fusion practice for polyethylene to Practice F2620
- Added DR based sizes as Table 3

Specific details of new/revise requirements are found in table below.

**If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).**

### Client Action Required:

**Information** – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revise paragraphs noted in the attached or explain why these new/revise requirements do not apply to your product (s).

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



## STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
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Additions to existing requirements are underlined and deletions are shown ~~lined out~~ below.

1	Info	<b>Scope</b>
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1.4		Pipe and fittings are joined by the heat fusion method (Practice D2657 and <u>for PP butt and saddle fusion, Practice F2620 for PE butt, saddle and socket fusion and Practice F1290 for polyolefin electrofusion</u> ) or by using mechanical joints recommended by the manufacturer.
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6	Info	<b>Requirements</b>
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***New table added;***

**Wall Thickness and Tolerances for Polyolefin Pipe SDR 17 and 26, in. (mm)**

Note 1: For fittings, the wall thickness is a minimum value, except that a 10 % variation resulting from core shift is allowable. In such a case, the average of the two opposite wall thicknesses shall equal or exceed the value shown in the Table 3.

Table 3

Nominal Pipe Size	SDR 26		SDR 17	
	Minimum	Tolerance	Minimum	Tolerance
2	0.091 (2.32)	+0.020 (+0.51)	0.140 (2.32)	+0.017 (+0.43)
3	0.135 (3.42)	+0.020 (+0.51)	0.206 (3.43)	+0.025 (+0.63)
4	0.173 (4.40)	+0.021 (+0.53)	0.265 (4.40)	+0.032 (+.81)
6	0.255 (6.47)	+0.031 (+0.78)	0.390 (6.47)	+0.047 (+1.19)
8	0.332 (8.43)	+0.040 (+1.01)	0.507 (8.43)	+0.061 (+1.55)
10	0.413 (10.50)	+0.050 (+1.26)	0.632 (10.50)	+0.076 (+1.93)
12	0.490 (12.46)	+0.059 (+1.50)	0.750 (12.46)	+0.090 (+2.29)

**CUSTOMERS PLEASE NOTE:** This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.