

STANDARD INFORMATION

Standard Number: CSA B137.3

Standard Name: Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications

Standard Edition and Issue Date: 6th Edition Dated January 1, 2017

Date of Revision: January 1, 2017

Date of Previous Revision of Standard: 5th Edition Revised January 1, 2016

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **February 16, 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.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 requirements for flattening test for pipe
- Added requirements for wall thickness for NPS 54 SDR 32.5

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
5	Info	Manufactured pipe
		Apparent tensile strength of pipe
5.6		PVC pipe specimens shall be tested in accordance with Clause 6.4 of CSA B137.0 <u>the applicable procedures of ASTM D2290 (i.e., procedure B, C or D)</u> . The apparent tensile strength shall be not less than 90% of the tensile strength of the compound specified in Clause 4.2.2.1.
7	Info	Test methods
		Flattening test for pipe
		The flattening test shall be conducted as follows:
7.2		a) Three specimens of pipe, each 50 mm long, shall be flattened between parallel plates in a suitable press until the distance between the plates is 5% <u>40%</u> of the original outside diameter of the pipe or until the walls of the pipe touch, whichever occurs first.
		b) The speed of compression shall be uniform and such that the compression is completed within 2 min to 5 min.
		c) The load shall be applied to the specimens through two parallel steel bearing plates as described in Clause 6.2 of ASTM D2412.
		d) After compression and subsequent removal from the press, each specimen shall be examined for evidence of splitting, cracking, or breaking.
		Note: For safety, the test should be conducted in an enclosed, protected area.
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.		