

Australian/New Zealand Standard™

AS/NZS 1462.1

Methods of test for plastics pipes and fittings

Method 1: Method for determining the dimensions of pipes and fittings

METHOD

1 SCOPE

This Standard sets out a method for determining the dimensions of plastics pipes and fittings, i.e. outside diameter, wall thickness, length, squareness of pipe ends and internal length, mouth diameter and root diameter of sockets.

NOTE: Other methods, which can be shown to provide an accuracy of the same or of a higher degree, may be used.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- 1293 Retractable steel pocket rules
- 1294 Coated and etched steel measuring tapes
- 1984 Vernier callipers (metric series)
- 2101 Internal micrometers (including stick micrometers) (metric series)
- 2102 Micrometer callipers for external measurement

NZS

- 2200 Specification for linear measuring instruments for use on building and civil engineering constructional works: Steel measuring tapes, steel bands and retractable steel pocket rules, Amend:1 1971.

3 RELEVANCE OF TEST

The dimensions of pipes and fittings are specified in product Standards. This test method sets out procedures for determining the dimensions in a consistent manner.

4 APPARATUS

The following apparatus may be required:

- (a) *Diameter tape*.
- (b) *External micrometer*—having a fixed spherical end of radius not less than 2 mm and providing an accuracy not less than that specified in the relevant Clauses of AS 2102.
- (c) *Internal micrometer*—complying with AS 2101 or telescopic gauge accurate to within ± 0.02 mm.
- (d) *Micrometer*—complying with AS 2102.
- (e) *Suitable pipe support*—e.g. V-block.