



Standard Index of Methods for Testing Elastomeric and Plastomeric Roofing and Waterproofing Materials¹

This standard is issued under the fixed designation D 3105; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This index is provided for reference to aid in the selection of procedures and test methods used in the evaluation of Sheet and Liquid Roofing Materials, as appropriate. Composition specifications and analytical methods in general, as well as tests on raw materials, are not included, the scope being limited to procedures used in the evaluation of the materials as received or as finished materials or coatings.

2. Significance and Use

2.1 Where more than one test method or testing condition is listed for the same characteristic in this index, selection of the methods and conditions to be followed must be governed by

¹ This index of methods is under the jurisdiction of ASTM Committee D-8 on Roofing, Waterproofing, and Bituminous Materials and is the direct responsibility of Subcommittee D08.18 on Nonbituminous Organic Roof Coverings.

Current edition approved July 10, 1999. Published September 1999. Originally published as D 3105 – 72. Last previous edition D 3105 – 90.

experience and the requirements in each individual case, together with agreement between the purchaser and seller. The user of this standard must be cautioned that results obtained by different test methods and different conditions of test are not directly comparable.

3. Precision

3.1 Precision data for any procedure or test method selected are given in the latest issue of the subject test procedure.

4. Categories

4.1 For convenience in selection, the test methods are indexed in three major groups, as follows:

4.1.1 Dimensions and Masses of Sheet Applied Products (Section 5).

4.1.2 Film and Sheet Characteristics (Section 6).

4.1.3 Liquid Applied Systems (Section 7).

TABLE 1 INDEX OF METHODS

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5. Dimensions and Masses of Sheet Applied Products		
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5.2 Thickness	Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension (Measuring Thickness)	D 412
	Test Method for Tensile Properties of Plastics (Measuring Thickness)	D 638
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	Test Methods for Sampling and Testing Modified Bituminous Sheet Material (Section 5)	D 5147
5.3 Mass	Test Methods of Testing Coated Fabrics (Section 7)	D 751
	Test Methods for Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing (Section 5)	D 146
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5.4 Width	Test Methods of Testing Coated Fabrics (Section 5)	D 751
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6. Film and Sheet Characteristics		
6.1 Abrasion Resistance	Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Double-Head Abrader)	D 3389
	Test Method for Granule Adhesion to Mineral Surfaced Roofing by Abrasion	D 4977
6.2 Artificial Weathering	Test Method for Rubber Deterioration in Carbon-Arc Weathering Apparatus	D 750
	Practice for Operating Light- and Water-Exposure Apparatus (Carbon-Arc Type) for Exposure of Plastics	D 1499
	Practice for Operating Xenon Arc-Type Light-Exposure Apparatus With and Without Water for Exposure of Plastics	D 2565