



Designation: D2058–87 (Reapproved 1997) Designation: D 2058 – 03 (Reapproved 2009)

Standard Test Method for Durability of Finish of Zippers to Drycleaning¹

This standard is issued under the fixed designation D 2058; 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 test method covers the determination of the durability of the enamel or other decorative coating of zippers when subjected to drycleaning.

~~1.2 The values stated in SI units are to be regarded as the standard. The values in parentheses are for information only.~~

~~1.3~~

1.2 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents

2.1 *ASTM Standards:*²

D 123 Terminology Relating to Textiles

D 2050 Terminology Relating to Zippers² Subassemblies

D 2051 Test Method for Durability of Finish of Zippers to Laundering

D 2052 Test Method for Colorfastness of Zippers to Drycleaning

D 2053 Test Method for Colorfastness of Zippers to Light

D 2054 Test Method for Colorfastness of Zipper Tapes to Crocking

D 2057 Test Method for Colorfastness of Zippers to Laundering

D 2059 Test Method for Resistance of Zippers to Salt Spray (Fog)

D 2060 Test Methods for Measuring Zipper Dimensions

D 2061 Test Methods for Strength Tests for Zippers

D 2062 Test Methods for Operability of Zippers

2.2 *AATCC Method:*

Method 86 Drycleaning: Durability of Applied Designs and Finishes³

3. Terminology

3.1 *Definitions:*

3.1.1 For definitions of zipper terms used in this test method standard, refer to Terminology D 2050. For definitions of other textile terminology used in this standard refer to Terminology D 123.

4. Summary of Test Method

4.1 A specimen is agitated in a solution of solvent and a drycleaning detergent with steel balls to simulate the action that occurs in a drycleaning machine.

5. Significance and Use

~~5.1 This test method is useful for determining the effect of repeated drycleaning on the appearance of the decorative coating of a zipper.~~

~~5.2 This test method is considered satisfactory for acceptance testing of commercial shipments since the method has been used extensively in the trade for acceptance testing.~~

¹ This test method is under the jurisdiction of ASTM Committee ~~D-43~~D13 on Textiles, Textiles and is the direct responsibility of Subcommittee D13.54 on Subassemblies. The method was developed in cooperation with the Slide Fastener Assn. Inc.

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² For referenced ASTM standards, visit the ASTM web site, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards*, Vol. 07.01, volume information, refer to the standard's Document Summary page on the ASTM web site.

³ Technical Manual of the American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, NC 27709.