

Standard Performance Specification for MEN'S AND BOYS' WOVEN RAINWEAR AND ALL- PURPOSE, WATER-REPELLENT COAT FABRICS¹

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^{ε1}NOTE— Editorial corrections were made throughout in June 1982.

1. Scope

1.1 This performance specification covers men's and boys' woven rainwear and all-purpose water-repellent coat fabrics composed of any fiber or mixture of textile fibers.

1.2 This performance specification is not applicable to woven fabrics used for interlinings.

1.3 These requirements apply to the length and width directions for those properties where each fabric direction is pertinent.

2. Applicable Documents

2.1 *ASTM Standards:*

D 123 Definitions of Terms Relating to Textiles²

D 434 Test for Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam³

D 1424 Test for Tear Resistance of Woven Fabrics by Falling-Pendulum (Elmendorf) Apparatus³

D 1682 Tests for Breaking Load and Elongation of Textile Fabrics³

D 1905 Test for Dimensional Changes in Laundering of Woven or Knitted Fabrics⁴

D 2262 Test for Tearing Strength of Woven Fabrics by the Tongue (Single Rip) Method (Constant Rate-of-Travel Tensile Testing Machine)³

D 2724 Testing Bonded and Laminated Apparel Fabrics³

D 2905 Practice for Statements on Number of Specimens Required to Determine the Average Quality of Textiles³

2.2 *AATCC Methods:*⁵

8-1974 Colorfastness to Crocking: AATCC Crockmeter Method

15-1976 Colorfastness to Perspiration

16A-1974 Colorfastness to Light: Carbon-Arc Lamp, Continuous Light

16E-1976 Colorfastness to Light: Water-Cooled Xenon-Arc Lamp, Continuous light

22-1974 Water Repellency: Spray Test

23-1975 Colorfastness to Burnt Gas Fumes

35-1974 Water Resistance: Rain Test

61-1975 Colorfastness to Washing, Domestic, and Laundering, Commercial: Accelerated

107-1975 Colorfastness to Water

116-1974 Colorfastness to Crocking: Rotary Vertical Crockmeter Method

119-1974 Color Change due to Flat Abrasion (Frosting): Screen Wire Method

124-1975 Appearance of Durable Press Fabrics after Repeated Home Launderings

132-1976 Colorfastness to Drycleaning

135-1973 Dimensional Changes in Automatic Home Laundering of Durable Press Woven or Knit Fabrics

¹ This specification is under the jurisdiction of ASTM committee D-13 on Textiles, and is the direct responsibility of Subcommittee D13.56 on Performance Standards for Textile Fabrics.

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² *Annual Book of ASTM Standards*, Parts 32 and 33.

³ *Annual Book of ASTM Standards*, Part 32.

⁴ Discontinued, see 1977 *Annual Book of ASTM Standards*, Part 32.

⁵ AATCC Technical Manual, available from the American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, N.C. 27709.