



Designation: D7020 – 22

Standard Performance Specification for Woven Blouse, Dress, Dress Shirt & Sport Shirt Fabrics¹

This standard is issued under the fixed designation D7020; 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 reappraisal. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reappraisal.

1. Scope

1.1 This performance specification covers fabrics for woven blouses, dresses, dress shirts, and sport shirts.

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 fabric direction is pertinent.

1.4 When a fabric requires special treatment, specific methods will be described as they are developed for that material, and such special tests will have precedence over these general requirements.

1.5 The following precautionary caveat pertains only to the test methods described in this performance specification. *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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.6 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents (See Note 1)

2.1 *ASTM Standards:*²

D123 Terminology Relating to Textiles

D434 Test Method for Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam (Withdrawn 2003)³

¹ This specification is under the jurisdiction of ASTM Committee D13 on Textiles and is the direct responsibility of Subcommittee D13.61 on Apparel.

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

³ The last approved version of this historical standard is referenced on www.astm.org.

D1424 Test Method for Tearing Strength of Fabrics by Falling-Pendulum (Elmendorf-Type) Apparatus

D2261 Test Method for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant-Rate-of-Extension Tensile Testing Machine)

D5034 Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)

D7022 Terminology Relating to Apparel (Withdrawn 2022)³

2.2 AATCC Methods:⁴

TM8 Colorfastness to Crocking: Crockmeter

TM15 Colorfastness to Perspiration

TM16.3 Colorfastness to Light

TM23 Colorfastness to Burnt Gas Fumes

TM61 Colorfastness to Laundering: Accelerated

TM116 Colorfastness to Crocking: Rotary Vertical Crockmeter

TM124 Appearance of Fabrics After Home Laundering

TM132 Colorfastness to Dry Cleaning

TM135 Dimensional Changes of Fabrics after Home Laundering

TM158 Dimensional Changes on Drycleaning in Perchloroethylene: Machine

TM172 Colorfastness to Powdered Non-Chlorine Bleach in Home Laundering

TM188 Colorfastness to Sodium Hypochlorite Bleach in Home Laundering

2.3 Federal Standards:⁵

16 CFR 1610 Flammable Fabrics Act Regulations

NOTE 1—Reference to test methods in this standard give only the permanent part of the designation of ASTM, AATCC or other test methods. The current edition of each test method cited shall prevail.

3. Terminology

3.1 For definitions of textile terms used in this specification, refer to the Terminologies D123 and D7022. For terms relating to chemical and colorfastness testing refer to specific AATCC methods.

3.2 Definitions found in a dictionary of common terms are suitable for terms found in this specification.

⁴ Available from American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, NC 27709.

⁵ Available from Superintendent of Documents, Government Printing Office, Washington, DC 20402.