



Standard Specification for Paper Used for Vacuum Cleaner Filter Bags¹

This standard is issued under the fixed designation F430; 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 specification covers procedures to be followed for qualifying papers to be used in the manufacture of vacuum cleaner bags and filters. The filtration efficiency of the paper is not evaluated with the use of these test methods.

1.2 The procedures appear in the following sections:

Procedure	Sections
Air Permeability (Test Method D737)	3 – 5
Basis Weight (TAPPI Test Method T 410)	6 – 8
Bursting Strength (Mullen Test) (TAPPI Test Method T 403)	9 – 11
Internal Tearing Resistance (TAPPI Test Method T 414)	12 – 14
Tensile Breaking Strength (TAPPI Test Method T 494)	15 – 17

1.3 The values stated in inch-pound units are to be regarded as the standard.

1.4 *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.*

1.5 *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

2.1 *ASTM Standards:*²

D737 Test Method for Air Permeability of Textile Fabrics

2.2 *TAPPI Standards:*³

T 403 Bursting Strength of Paper

T 410 Basis Weight of Paper and Paperboard

T 414 Internal Tearing Resistance of Paper

T 494 Tensile Breaking Strength of Paper and Paperboard (using constant rate of elongation apparatus)

AIR PERMEABILITY

3. Scope

3.1 This test method covers the direct determination of the air permeability of vacuum cleaner bag filter media by the calibrated orifice method.

3.2 *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.*

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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 Available from the Technical Association of the Pulp and Paper Industry, One Dunwoody Park, Atlanta, GA 30341.