

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 2558.12-2016

**Import and export textile--Test method for functionality--Part 12:
Air permeability**

进出口纺织品 功能性检测方法 第12部分透气性
(English Translation)

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Foreword

SN/T 2558 "Import and export textile functional testing method" is divided into 12 parts.

- Part 1. UV protection;
- Part 2. Negative ion content;
- Part 3. Non - iron performance;
- Part 4. Antibacterial properties - Tablet agar method;
- Part 5. Determination of deodorization rate;
- Part 6. Permeability;
- Part 7. luminous properties of luminous fibers;
- Part 8. Photocatalyst removal of formaldehyde;
- Part 9. Antibacterial properties;
- Part 10. Water absorption;
- Part 11. Anti - water, anti - oil, easy to oil performance;
- Part 12. Permeability.

This part is part 12 of SN/T 2558.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part of the State Certification and Accreditation Administration Committee proposed and centralized.

This part of the drafting unit. the People's Republic of China Jiangsu Entry-Exit Inspection and Quarantine Bureau, the People's Republic of China Zhejiang Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China Ningbo Entry-Exit Inspection and

Quarantine Bureau, the People's Republic of China Henan Entry-Exit Inspection and Quarantine Bureau, the People's Republic of China Hebei Entry-Exit Inspection and Quarantine Bureau, the People's Republic of Guangdong Guangdong Entry-Exit Inspection and Quarantine Bureau, the People's Republic of Shandong Entry and Exit Inspection and Quarantine Bureau of Hubei Entry - Exit Inspection and Quarantine Bureau of the People's Republic of China.

1 Scope

SN/T 2558 this part of the provisions of the import and export of textile permeability testing methods.

This part applies to woven fabrics, knitted fabrics, nonwovens, laminated fabrics, including coated and uncoated fabrics.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 6529 Standard atmosphere for textiles for humidity control and testing the Representation and Judgment of Numbers and Limit Numbers of Numbers in GB/T 8170

3 Terms and definitions

The following terms and definitions apply to this document.

Breathable airpermeability the performance of air through the fabric. Usually in the specified test area, pressure drop and time conditions, the air flow through the sample speed table Show in millimeters per second (mm/s).

4 Principle

In the fabric on both sides to maintain the provisions of the pressure drop under the conditions of a certain period of time through the specified area of the air flow through the sample, Gas rate.

5 Instruments and materials

5.1

test platform, can be assembled area is 20cm², 38.3cm², 100cm² circular vent hole, the error does not exceed $\pm 0.3\%$.

5.2

fixture (including rubber washer), meet the following requirements.

- a) a flat specimen that can be flattened;
- b) to prevent sample deformation and leakage when sanding the sample.

5.3

Pressure gauge. measure the pressure drop on both sides of the fabric, and with the test cabin connection, the unit with Pascal (Pa) said, the accuracy of $\pm 2\%$.

5.4

Flowmeter. Displays the rate of air passing through the sample, expressed in millimeters per second (mm/s) with an accuracy of $\pm 2\%$.

5.5

Smooth flow inhalation device (fan). can make the standard temperature and humidity conditions of the air through the sample on the sample table, and can pass through the test the airflow produces a pressure drop of 50 Pa to 500 Pa.