

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

  
 

[Save](#)

[Resource detail](#)  
[Citations](#)

## ASTM E96 - 00 Standard Test Methods for Water Vapor Transmission of Materials

[View on Information Provider website](#)

### Abbreviation

ASTM E96 - 00

### Valid from

01/07/2000

---

### Information provider

American Society of Testing and Materials

### Author

American Society of Testing and Materials

### Information type

ASTM Standard

### Format

PDF

---

### Cited By

[This resource is cited by 2 documents \(show Citations\)](#)

---

### Description

These test methods cover the determination of water vapor transmission (WVT) of materials through which the passage of water vapor may be of importance, such as paper, plastic films, other sheet materials, fiberboards, gypsum and plaster products, wood products, and plastics.

### Scope

These test methods cover the determination of water vapor transmission (WVT) of materials through which the passage of water vapor may be of importance, such as paper, plastic films, other sheet materials, fiberboards, gypsum and plaster products, wood products, and plastics. The test methods are limited to specimens not over 1 ¼ in. (32 mm) in thickness except as provided in Section 9. Two basic methods, the Desiccant Method and the Water Method, are provided for the measurement of permeance, and two variations include service conditions with one side wetted and service conditions with low humidity on one side and high humidity on the other. Agreement should not be expected between results obtained by different methods. That method should be selected which more nearly approaches the conditions of use.

The values stated in inch-pound units are to be regarded as the standard. Metric inch-pound conversion factors for WVT, permeance, and permeability are stated in Table 1. All conversions of mm Hg to Pa are made at a temperature of 0°C.

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#)

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

## ASTM E96 - 00 Standard Test Methods for Water Vapor Transmission of Materials

This document is CITED BY:

- [AS/NZS 4858:2004](#)

ASTM E96 - 00 is cited by AS/NZS 4858:2004 Wet area membranes

- [BRANZ EM4](#)

ASTM E96 - 00 is cited by Test Procedure for Coating and Jointing Systems for Flush Finished Fibre Cement Sheet Cladding, EM4 (2005)

Back

## ASTM E96 - 00 Standard Test Methods for Water Vapor Transmission of Materials

Show what documents this resource is CITED BY

Show what documents this resource CITES

### Description

These test methods cover the determination of water vapor transmission (WVT) of materials through which the passage of water vapor may be of importance, such as paper, plastic films, other sheet materials, fiberboards, gypsum and plaster products, wood products, and plastics.

[View on Information Provider website](#)

[ASTM E96 - 00 Standard Test Methods for Water Vapor Transmission of Materials](#)

### Description

These test methods cover the determination of water vapor transmission (WVT) of materials through which the passage of water vapor may be of importance, such as paper, plastic films, other sheet materials, fiberboards, gypsum and plaster products, wood products, and plastics.

[View on Information Provider website](#)

This resource does not cite any other resources.

## ASTM E96 - 00 Standard Test Methods for Water Vapor Transmission of Materials

This resource does not CITE any other resources.

Back

Close

### Table of Contents

Print

[Save](#)

Email

[Feedback](#)


- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)


[Feedback](#)