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ASTM E96 - 95 Standard Test Methods for Water Vapor Transmission of Materials

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Abbreviation

ASTM E96 - 95

Valid from

06/03/1995

Information provider

American Society of Testing and Materials

Author

American Society of Testing and Materials

Information type

ASTM Standard

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Cited By

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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. The test methods are limited to specimens not over 1 1/4 in. [32 mm] in thickness except as provided in in this Standard.

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. The method should be selected that more nearly approaches the conditions of use.

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Notes/comments

Note: The above link to this Standard refers users to ASTM E96-1995. The 1995 edition replicates the ASTM E96-1994, but includes an important editorial correction to a mistake found in Table 1 of the 1994 edition.

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