

Perme Cup



Perme cups are used to determine the permeability of films to the vapor of water and other liquids. Materials that are tested include paint, varnish, thin plastic films and other types of sheets thin enough to be tightly sealed in place across the face of the cup.

Permeability is expressed as the weight of a vaporous material that passes through a specified area and thickness of free film within a specified time interval under controlled conditions.

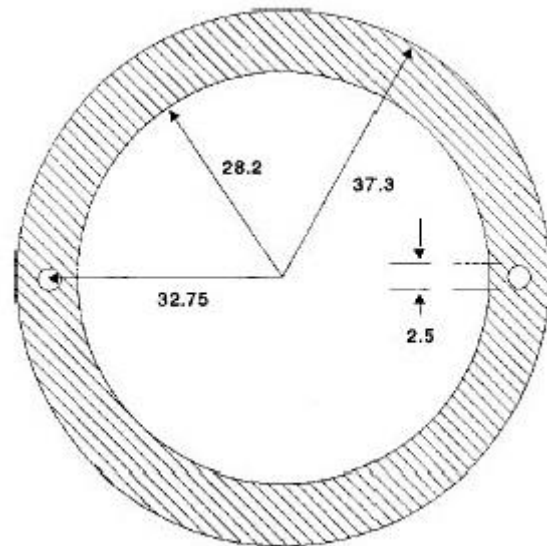
Available in 2 sizes

Relevant Standard: ASTM Method D 1653

Method

Either a test liquid or a desiccant is placed in the cup, depending on the specified conditions of the test. A sample of the test material, pre-cut to the outside dimensions of the clamp ring, is placed on the top surface of the cup, using gaskets if required, and sealed against the cup surface by tightening the cap (for specimen preparation see ASTM D823 & D4708).

The assembly is then accurately weighed and placed in a specified controlled atmosphere. Periodic weighing determines weight loss or gain from which rate of vapor transmission is calculated. Small 10 cm² cup allows the use of a smaller specimen and less desiccant. Approximate weight 88g w/o gaskets.



Product Code	Size
T01-300700	10cm ²
T01-300701	25cm ²