

National foreword

This Tanzania Standard is identical to ISO 5636-5: 2013 Paper and board — Determination of air permeance (medium range) — Part 5: Gurley method published by the International Organization for Standardization (ISO).

Some terminologies and certain conventions used in International Organization for Standardization (ISO) are not identical with those used in Tanzania Standards and attention is drawn especially to the following:

The comma has been used as a decimal marker for metric dimensions. In Tanzania, it is current practice to use a “full point” on the baseline as a decimal marker.

Wherever the words International Standard appear referring to this document, they should be interpreted as ‘Tanzania Standard’.

SCOPE: This standard specifies the Gurley method for determining the air permeance of paper and board using an air resistance tester, the Gurley apparatus.

It is applicable to papers and boards which have air permeances between 0,1 $\mu\text{m}/(\text{Pa}\cdot\text{s})$ and 100 $\mu\text{m}/(\text{Pa}\cdot\text{s})$ when tested with the Gurley apparatus.

It is unsuitable for rough-surfaced materials, which cannot be securely clamped to avoid leakage.

This part of ISO 5636 may also be used to determine the air resistance of paper and board.