



BSI Standards Publication

Rubber or plastics — coated fabrics — Measurement of gas permeability

National foreword

This British Standard is the UK implementation of ISO 7229:2022. It supersedes BS ISO 7229:2015, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee TCI/100, Co-ordination of activities in textiles and clothing.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Rubber- or plastics-coated fabrics — Measurement of gas permeability

*Supports textiles revêtus de caoutchouc ou de plastique — Mesure de
la perméabilité aux gaz*





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Foreword

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This document was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*.

This third edition cancels and replaces the second edition (ISO 7229:2015), which has been technically revised.

The main changes are as follows:

- in 5.4, Figure 1 has been divided into a) and b);
- in 6.3.10, θ (delay time) has been added to the key in Figure 3.

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Introduction

The measurement of the permeability of rubber-or plastics-coated fabrics to gases is important in the evaluation of materials for products such as leisure boats, balloons or hoses, and other gas containers in addition to the materials for seals and diaphragms. The permeability of the material is crucial when a product is exposed to differential pressure conditioned environment in its service field.

