
**Paper and board — Determination
of water vapour transmission rate of
sheet materials — Dynamic sweep and
static gas methods**

*Papier et carton — Détermination du coefficient de transmission de
la vapeur d'eau des matériaux en feuille — Méthode dynamique par
balayage de gaz et méthode statique*

iteh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO 9932:2021](https://standards.iteh.ai/catalog/standards/iso/40197b4a-c95f-4dbd-acb8-64dcf4e19ef9/iso-9932-2021)

<https://standards.iteh.ai/catalog/standards/iso/40197b4a-c95f-4dbd-acb8-64dcf4e19ef9/iso-9932-2021>



iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO 9932:2021](https://standards.iteh.ai/catalog/standards/iso/40197b4a-c95f-4dbd-acb8-64dcf4e19ef9/iso-9932-2021)

<https://standards.iteh.ai/catalog/standards/iso/40197b4a-c95f-4dbd-acb8-64dcf4e19ef9/iso-9932-2021>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Method A: Dynamic sweep gas method	1
4.1 Principle.....	1
4.2 Apparatus.....	2
5 Method B: Static gas method	3
5.1 Principle.....	3
5.2 Apparatus.....	3
6 Sampling	4
7 Preparation of test pieces	5
8 Procedure	5
8.1 Method A.....	5
8.2 Method B.....	5
8.3 Barrier material having one face of uncoated paper.....	5
8.4 Creased material.....	6
9 Expression of results	6
10 Precision	6
10.1 General statement of the precision.....	6
10.2 Method A.....	6
10.3 Method B.....	6
11 Test report	6
Annex A (normative) Saturated saline solutions	7
Annex B (normative) Calibration	8
Annex C (informative) Comparison of dynamic method with gravimetric method	9
Bibliography	10