



**TAPETEX BV**  
Churchillian 10  
5705 BK Helmond  
**THE NEDERLAND**

Attn: HANS VAN DEN BROEK

**TEST REPORT NO: 3975416P01**

**DATE: 6 MAY 2016**

**SAMPLE(S) SUBMITTED**

**BY CLIENT AS:** Five (5) samples of Tapetex Wall materials, Woven textiles on a paper backing, identified within.

**DATE OF RECEIPT:** 28 April 2016

**TEST PERIOD:** 29 April – 6 May 2016

**TEST(S) REQUESTED:** The materials were tested for Water Vapor Transmission Rate (WVTR) in accordance with ASTM E96, Method B.

**TEST RESULTS:** See Pages 2-4

**PREPARED BY:**

Dimitar Dimov, Ph.D.  
Sr. Project Engineer

**SIGNED FOR AND ON BEHALF OF  
SGS NORTH AMERICA INC.:**

Frank Savino, Lab Manager,  
Packaging & Materials

dd

**PAGE 1 OF 4**

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/terms-and-conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a minimum of 45 days only.

**TESTS RESULTS**

---

Test: **WATER VAPOR TRANSMISSION – PROCEDURE B**

Water Vapor Transmission Rate = grams / m<sup>2</sup> / 24 hrs @ 73.4°F-50% RH  
 Permeance = grams / Pa · s · m<sup>2</sup>; E-XX = 10<sup>-XX</sup>

Material: **SAMPLE 1**

	<b>WVTR</b>	<b>Permeance</b>	<b>US Perms</b>
	299.0	2.46E-06	43.1
	291.9	2.41E-06	42.0
	308.3	2.54E-06	44.4
Average	<b>299.8</b>	<b>2.47E-06</b>	<b>43.2</b>

Sample 1 description:

Woven textile of cellulosic fibers (linen, cotton, viscose) on a paper backing of 70% wood pulp reinforced with 30% polyester and with a maximum weight of approx. 450 g/m<sup>2</sup> (13.3 oz/sq.yd).  
 Tested quality 66-1481

Material: **SAMPLE 2**

	<b>WVTR</b>	<b>Permeance</b>	<b>US Perms</b>
	314.9	2.60E-06	45.4
	253.0	2.09E-06	36.4
	285.9	2.36E-06	41.2
Average	<b>284.6</b>	<b>2.35E-06</b>	<b>41.0</b>

Sample 2 description:

Woven textile of cellulosic fibers (linen, cotton, viscose) and synthetic fibers (polyester, nylon) on a paper backing of 70% wood pulp reinforced with 30% polyester and with a maximum weight of approx. 450 g/m<sup>2</sup> (13.3 oz/sq.yd).  
 Tested quality 66-1420

**TESTS RESULTS, CONTINUED**

---

Test: **WATER VAPOR TRANSMISSION – PROCEDURE B**

Water Vapor Transmission Rate = grams / m<sup>2</sup> / 24 hrs @ 73.4°F-50% RH  
 Permeance = grams / Pa · s · m<sup>2</sup>; E-XX = 10<sup>-XX</sup>

Material: **SAMPLE 3**

	<b>WVTR</b>	<b>Permeance</b>	<b>US Perms</b>
	341.6	2.82E-06	49.2
	325.5	2.68E-06	46.9
	306.3	2.52E-06	44.1
Average	<b>324.5</b>	<b>2.67E-06</b>	<b>46.7</b>

Sample 3 description:

Woven textile of animal fibers (silk, wool) on a paper backing of 70% wood pulp reinforced with 30% polyester and with a maximum weight of approx. 450 g/m<sup>2</sup> (13.3 oz/sq.yd).  
 Tested quality 66-1521

Material: **SAMPLE 4**

	<b>WVTR</b>	<b>Permeance</b>	<b>US Perms</b>
	284.2	2.34E-06	40.9
	283.2	2.33E-06	40.8
	278.7	2.30E-06	40.1
Average	<b>282.0</b>	<b>2.32E-06</b>	<b>40.6</b>

Sample 4 description:

Woven textile of animal fibers (silk, wool) and synthetic fibers (polyester, nylon) on a paper backing of 70% wood pulp reinforced with 30% polyester and with a maximum weight of approx. 450 g/m<sup>2</sup> (13.3 oz/sq.yd).  
 Tested quality 66-1436

**TESTS RESULTS, CONTINUED**

---

Test: **WATER VAPOR TRANSMISSION – PROCEDURE B**

Water Vapor Transmission Rate = grams / m<sup>2</sup> / 24 hrs @ 73.4°F-50% RH  
 Permeance = grams / Pa · s · m<sup>2</sup>; E-XX = 10<sup>-XX</sup>

Material: **SAMPLE 5**

	<b>WVTR</b>	<b>Permeance</b>	<b>US Perms</b>
	324.5	2.67E-06	46.7
	305.6	2.52E-06	44.0
	283.0	2.33E-06	40.8
Average	<b>304.4</b>	<b>2.51E-06</b>	<b>43.8</b>

Sample 5 description:

Woven textile of synthetic fibers (polyester, nylon) on a paper backing of 70% wood pulp reinforced with 30% polyester and with a maximum weight of approx. 450 g/m<sup>2</sup> (13.3 oz/sq.yd).  
 Tested quality 66-1648

---

We trust the results will prove useful and informative. Should you have any questions, please feel free to contact us.

**End of Report**