

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2018

Classification no.	2019-Efectis-R001128[Rev.3]
Sponsor	Avery Dennison Graphics & Reflective Solutions Willem Einthovenstraat 11 2342 BH OEGSTGEEST THE NETHERLANDS
Product name	Avery Dennison® SP 8526 Wall Film Textile Hi-tack
Prepared by	Efectis Nederland BV
Notified body no.	1234
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Project number	ENL-19-000672 and ENL-22-001019
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Number of pages	7

1. INTRODUCTION

1.1 PRODUCT NAME

This classification report defines the classification assigned to **Avery Dennison® MPI 8826 Wall Film Textile Hi-tack** in accordance with the procedures given in EN 13501-1:2018.

1.2 REVISION INFORMATION

This is a revised version of this report. This version supersedes all previous versions of this reports that are hereby withdrawn. Details on the changes can be found in the tables below.

Table 1.1: Revision information

Issue	Date of issue	Report no.
First issue	July 2019	2019-Efectis-R001128
First revision	July 2020	2019-Efectis-R001128[Rev.1]
Second revision	June 2022	2019-Efectis-R001128[Rev.2]
Third revision	September 2022	2019-Efectis-R001128[Rev.3]

1.2.1 First revision

Table 1.2: First revision information

Chapter of revision	Front page, §3.1
Reason of revision	Change of sponsor name from “Avery Dennison” to “Avery Dennison Graphics & Reflective Solutions”
Consequences of revision	None

1.2.2 Second revision

Table 1.3: Second revision information

Chapter of revision	§3.1	Whole document
Reason of revision	<p>The assessment of the editorial and technical alterations between:</p> <ul style="list-style-type: none"> • The issues 2010/C1:2011 and respectively the 2020 version of the EN ISO 11925-2 test standard; • The issues 2010 and A1:2014 and respectively the 2020 version of the EN 13823 test standard. <p>The detail of this assessment is to be found at §1.3</p>	<p>The Avery Dennison® MPI 8826 Wall Film Textile Hi-tack has been changed at the request of the sponsor to Avery Dennison® SP 8826 Wall Film Textile Hi-tack</p>

Consequences of revision	The test standards have been evaluated in relation to the performed tests and approved according to the most recent standards.	None, as the sponsor attested the product stays the same
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1.2.3 Third revision

Table 1.4: Third revision information

Chapter of revision	Whole document
Reason of revision	The Avery Dennison® SP 8826 Wall Film Textile Hi-tack has been changed at the request of the sponsor to Avery Dennison® SP 8526 Wall Film Textile Hi-tack
Consequences of revision	None, as the sponsor attested the product stays the same

1.3 ASSESSMENT INFORMATION

Efectis compared the two versions of the EN ISO 11925-2 standard and concluded that the test results for this product according to the EN ISO 11925-2:2010/C1:2011 standard are still valid according to the EN ISO 11925-2:2020 standard. Therefore, this report can be used for classification according to EN 13501-1:2018.

Efectis compared the two versions of the EN 13823 standard and concluded that the test results for this product according to the EN 13823:2010+A1:2014 standard are still valid according to the EN 13823:2020 standard. Therefore, this report can be used for classification according to EN 13501-1:2018.

2. DETAILS OF CLASSIFIED PRODUCT

2.1 GENERAL

The product, **Avery Dennison® SP 8526 Wall Film Textile Hi-tack**, is defined as a wall covering.

2.2 MANUFACTURER

Avery Dennison Graphics & Reflective Solutions
 P.O. Box 28
 2300 AA LEIDEN
 THE NETHERLANDS

2.3 PRODUCT DESCRIPTION

According to the sponsor the product is composed of:

- Face film: 254 µm, textile film;
- Adhesive: 40 µm, permanent, grey, acrylic based;
- Backing paper: One side polyethylene coated kraft paper, 143 g/m².

The product has a total thickness of approx. 294 µm and a mass per unit area of approx. 290 g/m² (measured on the product).

See also Appendix 'Product data sheet'.

3. STANDARDS, REPORTS, RESULTS AND CRITERIA IN SUPPORT OF THIS CLASSIFICATION

3.1 APPLICABLE (PRODUCT) STANDARDS

EN ISO 11925-2:2010/C1:2011 / 2020	Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test
EN 13823:2010+A1:2014 / 2020	Reaction to fire tests for building products - Building products, excluding floorings exposed to the thermal attack by a single burning item
EN 13501-1:2018	Fire classification of construction products and building elements Part 1: Classification using data from reaction to fire tests
EN 15102:2007+A1:2011	Decorative wall coverings - Roll and panel form.

3.2 REPORTS

Name of Laboratories	Name of sponsor	Report ref. no.	Test method
Efectis Nederland BV THE NETHERLANDS	Avery Dennison Graphics & Reflective Solutions THE NETHERLANDS	2019-Efectis- R001124[Rev.1] 2019-Efectis- R001125[Rev.1]	EN ISO 11925-2:2010 EN 13823:2014

3.3 TEST RESULTS

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – maximum	Compliance with parameters
EN ISO 11925-2				
surface flame impingement	Fs ≤150 mm	6	30	-
	Ignition of filter paper		-	Compliant
Edge flame Impingement	Fs ≤150 mm	6	30	-
	Ignition of filter paper		-	Compliant

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
EN 13823				
	FIGRA _{0.2MJ} [W/s]	3	168	-
	FIGRA _{0.4MJ} [W/s]		138	-
	THR _{600s} [MJ]		1.6	-
	LFS < edge		-	Compliant
	SMOGRA [m ² /s ²]		0.0	-
	TSP _{600s} [m ²]		41	-
	Flaming debris - flaming ≤ 10 s - flaming > 10 s		- -	Compliant Compliant

3.4 CLASSIFICATION CRITERIA

Fire classification of construction products and building elements Excluding floorings and linear pipe thermal insulation products			
Classification criteria			
Class Test method(s)	B	C	D
EN ISO 11925-2 Exposure = 30 s	F _s ≤ 150 mm within 60 s Ignition of the paper in EN ISO 11925-2 results in a d2 classification.		
EN 13823	FIGRA _{0.2 MJ} ≤ 120 W/s LFS < edge of specimen THR _{600s} ≤ 7.5 MJ	FIGRA _{0.4 MJ} ≤ 250 W/s LFS < edge of specimen THR _{600s} ≤ 15 MJ	FIGRA _{0.4 MJ} ≤ 750 W/s
Additional classification			
Smoke production	s1 = SMOGRA ≤ 30 m ² /s ² and TSP _{600s} ≤ 50 m ² ; s2 = SMOGRA ≤ 180 m ² /s ² and TSP _{600s} ≤ 200 m ² ; s3 = not s1 or s2		
Flaming Droplets/particles	d0 = no flaming droplets/ particles in EN 13823 within 600 s; d1 = no flaming droplets/ particles persisting longer than 10 s in EN 13823 within 600 s; d2 = not d0 or d1.		

4. CLASSIFICATION AND FIELD OF APPLICATION

4.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 11 of EN 13501-1:2018.

4.2 CLASSIFICATION

The product, **Avery Dennison® SP 8526 Wall Film Textile Hi-tack**, in relation to its reaction to fire behaviour is classified:

C

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets / particles is:

d0

Reaction to fire classification: C – s1, d0

4.3 FIELD OF APPLICATION

This classification is valid for the following product parameters:

Thickness	
• Face film	254 µm
• Adhesive	40 µm
Surface density	Approx. 290 g/m ² (measured on the product)
Other properties	Colour: White

This classification is valid for the following end use applications:

Substrate	Non-combustible (class A1/A2 according to EN 13238:2010)
Methods and means of fixing	Glued, using the products adhesive
Joints	Vertically only
Other aspects of end use conditions	none

4.4 DURATION OF THE VALIDITY OF THIS CLASSIFICATION REPORT

Consult classification standard and national laws and regulations for limitations on the period of validity of the classification.

5. LIMITATIONS

This classification document does not represent type approval or certification of the product.



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A. J. Lock
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