

## CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2007+A1:2009

Classification no.	2019-Efectis-R000694
Sponsor	Avery Dennison Willem Einthovenstraat 11 2342 BH OEGSTGEEST THE NETHERLANDS
Product name	<b>Avery Dennison® DOL 6000 Series</b>
Prepared by	Efectis Nederland BV
Notified body no.	1234
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## 1. INTRODUCTION

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This classification report defines the classification assigned to **Avery Dennison® DOL 6000 Series** in accordance with the procedures given in EN 13501-1:2007+A1:2009.

## 2. DETAILS OF CLASSIFIED PRODUCT

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### 2.1 GENERAL

The product, **Avery Dennison® DOL 6000 Series**, is defined as a floor 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: 210 µm, transparent matt textured vinyl overlamination film;
- Adhesive: 35 µm, clear, permanent, acrylic based adhesive;
- Backing paper: One side coated bleached kraft paper, 95 g/m<sup>2</sup>.

The product has a total thickness of approx. 245 µm and a mass per unit area of approx. 270 g/m<sup>2</sup> (measured on the product).

See also Appendix 'Product data sheet' in the test reports.

## 3. STANDARDS, TEST REPORTS & TEST RESULTS IN SUPPORT OF CLASSIFICATION

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### 3.1 APPLICABLE (PRODUCT) STANDARDS

EN ISO 11925-2:2010	Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test
EN ISO 9239-1:2010	Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source
EN 13501-1:2007 +A1:2009	Fire classification of construction products and building elements Part 1: Classification using data from reaction to fire tests

### 3.2 TEST REPORTS

Name of Laboratories	Name of sponsor	Test reports	Test method
Efectis Nederland BV THE NETHERLANDS	Avery Dennison Graphics & Reflective Solutions THE NETHERLANDS	2019-Efectis-R000692 2019-Efectis-R000693	EN ISO 11925-2:2010 EN ISO 9239-1:2010

### 3.3 TEST RESULTS

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter – maximum	Compliance Parameters
<b>EN ISO 11925-2</b>				
surface flame impingement	Fs ≤150 mm	6	15	-
	Ignition of filter paper		-	Compliant

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance Parameters
<b>EN ISO 9239-1</b>				
	Critical Heat Flux [kW/m <sup>2</sup> ]	3	≥11	-
	Smoke density [%.min]		8	-

### 3.4 CLASSIFICATION CRITERIA

<b>Classification criteria of the Flooring Radiant Panel (FRP) test</b>			
<b>Classification criteria</b>			
Class Test method(s)	<b>B<sub>fl</sub></b>	<b>C<sub>fl</sub></b>	<b>D<sub>fl</sub></b>
<b>EN ISO 11925-2</b> Exposure = 15 s	F <sub>s</sub> ≤ 150 mm within 20 s		
<b>EN ISO 9239-1</b> Critical flux [kW/m <sup>2</sup> ]	≥ 8.0	≥ 4.5	≥ 3.0
<b>Additional classification</b>			
Smoke production	<b>s1</b> = ≤ 750% min <b>s2</b> = > 750% min		

#### 4. CLASSIFICATION AND FIELD OF APPLICATION

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##### 4.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 12 of EN 13501-1:2007+A1:2009.

##### 4.2 CLASSIFICATION

The product, **Avery Dennison® DOL 6000 Series**, in relation to its reaction to fire behaviour is classified:

**B<sub>fl</sub>**

The additional classification in relation to smoke production is:

**s1**

**Reaction to fire classification: B<sub>fl</sub> - s1**

##### 4.3 FIELD OF APPLICATION

This classification is valid for the following product parameters:

Thickness	
• Face film	210 µm
• Adhesive	35 µm
Surface density	Approx. 270 g/m <sup>2</sup> (measured on the product)
Other properties	Colour: Clear

This classification is valid for the following end use applications:

Substrate	Non-combustible (class A1, ISO 390 and EN 13238: 2010, 1800 ± 200 kg/m <sup>3</sup> – 6 mm)
Air gap	Not applicable
Methods and means of fixing	Glued, using the products adhesive
Joints	Including joints
Other aspects of end use conditions	Floor covering

##### 4.4 DURATION OF THE VALIDITY OF THIS CLASSIFICATION REPORT

There are no limitations in time on the validity of this report.

## 5. LIMITATIONS

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



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