

This document is an authorized English version of the reaction to fire classification report RC-RF 0035/2021-URF issued by the Reaction to Fire Testing Laboratory of the National Laboratory of Civil Engineering (LNEC/ EM-URF).

**CLASSIFICATION OF REACTION TO FIRE PERFORMANCE
IN ACCORDANCE WITH EN 13501-1:2018-en**
(and COMMISSION DELEGATED REGULATION (EU) 2016/364 of 1 July 2015)

1 | Identification

Company:	EUROPAPIER CE GMBH
Address of the company:	Autokaderstrasse 86 – 96, 1210 Vienna, AUSTRIA
Description of the sample:	Self-adhesive polypropylene (PP) [<i>PVC free</i>] clear film (<i>overlamine</i>) commercial reference " myMEDIA Ecological Protect ", smooth glossy or matt finish, with clear acrylic adhesive, used to protect digitally printed images on self-adhesive polypropylene (PP) [<i>PVC free</i>] films " myMEDIA Ecological Film ".
Classification report No:	0035/2021-URF
Date of issue:	2021-07-22

This Classification Report consists of 5 pages.

2 | Introduction

This classification report defines the reaction to fire classification assigned to the self-adhesive clear polypropylene (PP) [*PVC free*] film (*overlamine*), commercial reference "**myMEDIA 5460 Ecological Protect Gloss**", smooth glossy or "**myMEDIA 5461 Ecological Protect Matt**", matt finish, with clear acrylic adhesive and removable liner (clay coated paper), used to protect digitally printed images on self-adhesive polypropylene (PP) [*PVC free*] films "**myMEDIA Ecological Film**". The classification is assigned in accordance with the procedures given in EN 13501-1:2018 - "*Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests*" (and COMMISSION DELEGATED REGULATION (EU) 2016/364 of 1 July 2015).

3 | Details of the classified product

3.1 GENERAL

The classified product consist of a self-adhesive clear polypropylene (PP) [*PVC free*] film (*overlamine*), commercial reference "**myMEDIA 5460 Ecological Protect Gloss**", smooth glossy finish, with clear acrylic adhesive and removable liner (clay coated paper), used to protect digitally printed images on self-adhesive polypropylene (PP) [*PVC free*] films "**MyMEDIA Ecological Film**", white matte.

3.2 PRODUCT DESCRIPTION

In accordance with the information and the Technical Data Sheets supplied by the sponsor, the tested product samples presented the following generic characteristics:

(*Sample 12/2021*) – **myMEDIA 5460 Ecological Protect Gloss**

- Commercial generic designation **myMEDIA Ecological Protect**
- Finish **glossy**, ref. 120z3989
- Material (*overlamine*)..... polypropylene (PP) [*PVC free*]
- Finish smooth, with UV protection
- Colour **clear**
- Mass per unit area (**nominal** value)..... 52.9 g/m² (± 10%)
- Thickness 65 µm (± 10%)
- Adhesive..... clear acrylic based (ultra-crystalline)
- *Liner*(removable)..... clay coated paper
- Mass per unit area (**nominal** value) 57 g/m² (± 10%)
- Thickness (**nominal** value) 55 µm (± 10%)
- Field of application Lamination to protect digitally printed images
(UV, solvent, or aqueous ink printing) on self-adhesive films (PP [*PVC free*])
applied on flat smooth surfaces (excluding floorings)

4 | Test reports and test results in support of classification

4.1 TEST REPORTS

Name of Laboratory	Name of company	Report No. (*)	Test method and date
LNEC/EM-URF	EUROPAPIER CE GMBH	0069/2021-URF	EN ISO 11925-2:2020
		0070/2021-URF	EN 13823:2020

* - It was also issued the Test Report No. 0036/2021-URF concerning the determination of the gross heat of combustion (PCS) of three printing inks (UV, *latex*, and solvent), according to the European standard EN ISO 1716:2018, whose results were used to select the less *favorable* printing method (UV).

4.2 TEST RESULTS

Test method(s)	Parameter	No. test specimens	Results	
			Continuous parameter mean values * (individual values)	Compliance with parameters
EN 13823:2020 (SBI test)	FIGRA0,2MJ (W/s)	3	18 (12.9 / 26.2 / 13.5)	YES
	FIGRA0,4MJ (W/s)		17 (--- / 22.1 / 10.8)	(YES)
	LFS < edge		YES (YES / YES / YES)	YES
	THR600s (MJ)		1.7 (1.2 / 2.5 / 1.3)	YES
	SMOGRA (m ² /s ²)		--- (--- / --- / ---)	YES
	TSP600s (m ²)		16 (16.8 / 14.6 / 17.2)	YES
	FDP		NO (NO / NO / NO)	YES
EN ISO 11925-2: :2020	Fs	3 + 3	< 20	YES (Fs ≤ 150 mm)
Edge and surface exposure to flame	Flaming droplets/particles		NO	YES
Exposure time: 30 s	Ignition of the filter paper		NO	YES

* - Results obtained with samples ref. **myMEDIA 5460 Ecological Protect Gloss** + **MyMEDIA 1430 Ecological Film Matt**, printed

5 | Classification and field of application

5.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 11 of EN 13501-1:2018. December 2018 (and criteria defined in COMMISSION DELEGATED REGULATION (EU) 2016/364 of 1 July 2015).

5.2 CLASSIFICATION

The product consisting of self-adhesive clear polypropylene (PP) film (*overlamine, PVC free*), glossy, "**myMEDIA Ecological Protect**", used to protect digitally printed images on self-adhesive (PP) [*PVC free*] films "**MyMEDIA Ecological Film**" (vd. RC-RF n° 0017/2021-URF), white matte, in relation to its reaction to fire behaviour is classified (see also 5.3):

B

The additional classification in relation to smoke production is:

s1

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

d0

The format of the reaction to fire classification **except for floorings** is:

Fire Behaviour		Smoke production			Flaming droplets / particles	
B	-	s	1	.	d	0

i.e. **B-s1. d0**

Reaction to fire classification: **B-s1, d0**

5.3 FIELD OF APPLICATION

This classification is valid for self-adhesive clear, glossy, polypropylene (PP) (*overlamine, PVC free*) films, commercial reference "**myMEDIA Ecological Protect**", used to protect digitally printed images on self-adhesive (PP) [*PVC free*] films "**MyMEDIA Ecological Film**" (*vd. RC-RF n° 0017/2021-URF*), with smooth white matte finish, when **applied directly on non-combustible surfaces** (classes **A1** or **A2-s1. d0**) having a density greater than 1350 kg/m³ and a thickness equal or greater than 9 mm.

This classification is **not applicable** to uses of the products over existing coatings, and is valid for all the generic **polypropylene (PP) films** with the following characteristics:

myMEDIA 5460 Ecological Protect Gloss, myMEDIA 5461 Ecological Protect Matt

- Mass per unit area (**nominal** value) ≤ 65 g/m²
- Thickness (**nominal** value) ≤ 70 µm
- Colour **clear**
- Finish smooth, glossy or matt

6 | Limitations

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

The classification presented in this Classification Report does not exempt the satisfaction of normative requirements (namely in the scope of CE marking) and others defined in the relevant legislation.

The original test report is available at Europapier CE GmbH.



Frank Ebner
Product Manager Visual Communication