

TECHNICAL FILE

Regulation (EU) 2025/40 – PPWR – Annex VII

Polypropylene Adhesive Tapes with Water-Based Acrylic Adhesive – Silent / Noisy / Removable

Date of Issue: [02/07/2026]

Revision: Rev. 0

1. Manufacturer

Company name	MAC AUTOADESIVI
Legal form	S.R.L.
Registered office	Via Provinciale Limitese 50-52-54 – 50050 Capraia e Limite, Italy
VAT No.	IT04516940485
Telephone	+39 057159491
E-mail	Info@fralexmac.it
Legal Representative	Antonella Maria Luisa Capaccioli
PPWR Technical Managers	Alessio Capaccioli – alessiocapaccioli@fralexmac.it Marco Maglione – marcomaglione@fralexmac.it

2. Description of the Packaging

This Technical File applies to the following packaging:

Trade name	Family	Adhesive	Codes
Silent, noisy and removable packaging adhesive tape	PP – Polypropylene (BOPP)	Water-based acrylic	Annex A
Core	Recycled cardboard core, 76 mm internal diameter		
Main formats	Various, from 12 mm width		
Sales packaging	PE film inner pack Corrugated cardboard boxes		

Intended use: Adhesive tapes for sealing sales and transport packaging (corrugated cardboard boxes and cartons) for industrial and commercial applications. Not suitable for food contact.

Technical specifications are available and may be freely consulted on the company's website:
www.macautoadesivi.com.

3. Hazardous Substances – Article 5 PPWR

3.1 Heavy Metals (Pb + Cd + Hg + Cr VI) – Limit: Total $\leq$ 100 mg/kg

Concentration < 1 ppm

Result Compliant

Determined by Laboratory analysis

3.2 PFAS

Concentration < 1 ppm

Result Compliant

Determined by Laboratory analysis

4. Recyclability – Article 6 PPWR

The final assessment criteria will be established through delegated acts of the European Commission (expected during 2026–2027).

The preliminary recyclability assessment has been carried out using **INGEDE Method 12**.

The recyclability assessment has been performed on the basis of the technical standards currently available, in the absence of the final harmonised methodology referred to in Article 6 (delegated acts had not yet been published on the date of this Technical File). The assessment will be updated within six months of the publication of the applicable delegated acts.

When used for sealing cardboard packaging, the carrier is mechanically separated before the pulping stage and does not interfere with the paper and cardboard recycling process (INGEDE Method 12 certified).

Industrial production waste is sent for mechanical recycling through an authorised operator under European Waste Catalogue (EWC) codes **07 02 13** and **12 01 05**.

5. Recycled Content – Article 7 PPWR (Targets from 2030)

Component	Current PCR Content	Estimated 2030 Target	Action
Adhesive tape	[0]%	~10% (subject to confirmation by delegated acts)	Verify the availability of PCR film with suppliers
Cardboard cores	100%	N/A	—

6. Packaging Minimisation – Article 10 PPWR

Parameter	Current Value	Functional Justification
PP carrier thickness (µm)	[25–40] µm	Minimum thickness required to ensure tensile strength and sealing performance according to the intended application and the weight of the package being sealed
Adhesive coating weight (g/m ²)	[15–31] g/m ²	Quantity required to ensure correct sealing performance according to the intended application and the weight of the package being sealed
Core diameter (mm)	76 mm	Industrial standard ensuring compatibility with manual and automatic tape dispensers

7. EPR Obligations – Extended Producer Responsibility

Role under PPWR	Manufacturer
CONAI Registration	[Registered – Code 11077297]
Environmental contribution status	[Compliant]
Annual volume reporting	[Compliant]

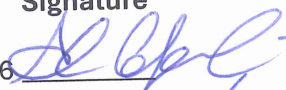
Note: The company is certified according to **ISO 14001:2015** and is **EMAS registered**, with legal compliance obligations independently verified by a third party.

8. List of Annexes

Annex Description

- A Complete product list / product codes
- B Safety Data Sheets (SDS)
- C PFAS Declarations
- D Heavy Metals Chemical Analysis Reports (Laboratory Reports)
- E REACH SVHC Declarations
- F EU Declaration of Conformity (Annex VIII)
- G CONAI Registration Certificate

9. Approval and Signature

Role	Name	Date	Signature
Prepared by	Alessio Capaccioli	02/07/2026	
Verified by	Marco Maglione	02/07/2026	
Approved by (Legal Representative)	Antonella Maria Luisa Capaccioli	02/07/2026	

The undersigned, Legal Representative of **MAC Autoadesivi S.r.l.**, declares that the information contained in this Technical File is accurate and complete as of the approval date and constitutes the documentary basis for the **EU Declaration of Conformity** pursuant to Article 39 and Annex VIII of Regulation (EU) 2025/40.

Place and Date: Caprai e Limite (FI), 02/07/2026

Signature:  _____

Confidential document – Prepared in accordance with Annex VII of Regulation (EU) 2025/40 – Rev. 0 – Draft