

# Sustainability and recyclability



In line with the shared values of environmental protection, all MAG DATA GROUP companies are committed to the continuous search for materials (for lamination, flexible packaging and labelling) made using increasingly eco-sustainable technological solutions.

MAG DATA GROUP's primary interest is to preserve the planet's ecosystem from irreversible pollution, keeping it as pristine as possible for future generations.

The MAG DATA GROUP companies, therefore, carefully select and make available to the market materials capable of satisfying the well-established demand for recyclable products and at the same time able to optimise the application (lamination or flexible packaging or labelling) for which they are intended.

Furthermore, they are at the forefront by supporting their customers in the correct implementation of current legislation that has identified environmental labelling as the tool to guide the end user in the disposal of the finished article at the end of its life cycle.

The objective of this brochure is precisely to make a contribution in this sense, providing our customers with the correct classification of the products that are part of our range, based on the provisions of Decision 97/129/EC.

**RECYCLE  
REUSE  
REDUCE**




## Guide to the correct application of environmental labelling

Decision 97/129/EC established an identification system for packaging materials by means of alphanumeric codes, supported and supplemented by the technical standards UNI EN ISO 1043-1:2002, CEN/CR 14311:2002, UNI EN ISO 11469.

The product range offered by MAG DATA GROUP companies consists of plastic film, belonging to two macro-categories (dry and wet), and aluminium alloy foils.

**Dry film** are made of polypropylene (PP) or polyester (PET) or cellulose acetate (CA) and are coated on one side with a thermoadhesive known as EVA; they are widely used for laminating paper and cardboard, even printed.

For this family of films, whether colourless or coloured, on the other side surface-treated or not, or metallised or coated, the alphanumeric code according to Dec. 97/129/EC is, depending on the material, respectively:

> PP + EVA < 7 


> PET + EVA < 7 


> CA + EVA < 7 


**Wet film** are made of a wide variety of plastic materials: polyester (PET), polypropylene (PP), polyamide (PA), low-density polyethylene (LDPE), glycol-modified polyester (PETG); they are used in lamination, flexible packaging and labelling.


For this family of films, the alphanumeric code according to Dec. 97/129/EC is solely a function of the constituent material and does not depend on their particular colour, surface treatment, metallisation or coating, if any; precisely, depending on the case, it is:

> PET < 1 

> LDPE < 4 

> PP < 5 

> PETG < 7 

> PA < 7 

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The range of wet film offered by MAG DATA GROUP also includes plastic materials with a **strong eco-sustainable footprint** such as cellulose acetate (CA) and recycled polyester (r-PET), specifically from post-consumer (PCR).

**Cellulose acetate** film are certified, in a wide range of thicknesses (from 14µm to 115µm), biodegradable and compostable according to UNI EN ISO 13432; therefore, their alphanumeric code, according to Dec. 97/129/EC is:

> CA < 7

**BIODEGRADABLE AND COMPOSTABLE PLASTIC**



For **r-PET film**, available at various percentages of recycled content, the alphanumeric code according to Dec. 97/129/EC (integrated according to UNI EN ISO 14021) is:

> r-PET < 1



Finally, for all the several **aluminium alloy foils**, the alphanumeric code according to Dec. 97/129/EC is:

> ALU < 41



In conclusion, we would like to point out that today the concept of recyclability is very often confused with that of separate collection.

In this respect, it should be pointed out that all packaging, regardless of its recyclability, may or may not be taken to separate collection according to the regulations of each Municipality.

Instead, the concept of recyclability, defined by the technical standard UNI EN ISO 13430, meets the requirements of suitability for existing recycling technologies.

MAG DATA GROUP, as a significant link in the production chain, has chosen to share this information with its customers, inviting them to contribute to the creation of a more eco-sustainable World.

#### Important notes:

- This information refers exclusively to MAG DATA GROUP products as supplied. Finished articles made by combining them with other materials require different environmental labelling.
- The information provided is correct as of the date hereof and may be subject to change.
- For any further information, please consult the dedicated page on the Conai website: [www.conai.org](http://www.conai.org)

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