

AP/135-LB



Description

Self-adhesive opaque paper designed for labels to apply on bottles, cans and smooth or slightly porous surfaces. The special coating formulation allows the paper to easily absorb the inks improving a fast drying. The paper whiteness show up the excellent definition print and vivid colours.

Colours: white matt.

Printability: printable by printers using Solvent, Eco-solvent, UV and Latex inks.

Technical information

Technical data

Film:	paper.
Grammage:	135 g/m2.
Liner:	clay coated paper 1 side siliconised.
Release:	100 +/- 30 cN/20mm.
Adhesive:	HT acrylic high tack, difficult to remove.
Grammage:	35 +/- 5 g/m2.
Adhesion after 20 min.:	not measurable.
Adhesion after 24 h. :	not measurable.
Method of application:	dry.
Application temperature:	suggested between 10° and 28°C.
Shrinkage:	< 0,4 mm after 48 h. at 70°C on steel (Op. Istr. n° 8).
Temperature resistance:	from -50°C to +90°C adhered to steel no variation (Op. Instr. n° 15).

Average expected lifetime

Paper for internal use.

Storage

1 year, film must be kept warehoused at room temperature (20°C / 50% R.H.) suspended horizontally or placed in a vertically upright position in polythene bag.

Note

The values and the data given are based on tests we believe to be reliable and are typical values intended only as a source of information, and do not constitute a guarantee. **Purchasers must independently determine, before use, the suitability of the material for their own specific use and under their own operating conditions** with the aim to determine if the APA product is suited for the specific goal and is furthermore suited for the use and the pre-selected application-method.

All APA-Print papers are produced and packed under very strict quality control procedures in order to guarantee that the papers are clean, free of dust and other impurities that might compromise the printability. It's important that the inks are thoroughly dried before application and before any lamination takes place. The residual solvents can otherwise change the products' specific features. Purchasers must independently determine, the suitability of the product with their own printer and inks, under their own operating conditions, with the aim to determine if the APA product is suited for the specific goal.

General information

Warranty / exclusions of liability

APA materials are guaranteed to be free from all manufacturing defects. In the event of ascertained defectiveness of the product, APA shall replace the materials used upon manufacturing the decorations.

APA shall not be liable for any additional costs, such as the work necessary for reprinting the design, the losses related to production time, the costs for removing or re-applying the graphics. APA, in addition, does not assume responsibility for the replacement of materials not produced by APA.

A.P.A. SpA cannot be held responsibility for any damages other than the substitution of the goods.

APA guarantees to maintain the interval of the variability of the colours of its products in the best possible way, using instrumental and visual checks.

To avoid colour variation, all the parts of the paper applied have to belong to the same production batch. It is also the case for decorations that are required for a long duration of time, updating or improvements of the decoration. Therefore, it is recommended to ask beforehand for the required material, belonging to the same production batch.

No salesman, representative, agent or distributor has authority to supply data different from those reported in this Technical Data Sheet. To make improvements all products may be modified without prior notice.

For a safe use of the self-adhesive materials by A.P.A. it is recommended to read the dedicated safety information.

For a safe use of the cleaners mentioned in this data sheet it is recommended to read the dedicated safety sheets.

Print

The paper is developed to be used on major printers using Solvent, Eco Solvent, UV and Latex inks. For a good printability and converting result we recommend allowing the rolls acclimatise in the print room at least 24 hours before printing or converting.

Too much temperature or humidity deviation between material and room climate can cause lay flatness and printability issues. Setting the most suitable profile, to get the best printing result.

It's important that the inks are thoroughly dried before application and before any lamination takes place. The residual solvents can otherwise change the products' specific features. Therefore after print we recommend to let the film rest at least 48 hours in a room with a temperature of 20°C.

Application

The paper is conceived for a highly professional use.

The staff that apply the vinyl must possess the requirements and the training necessary.

Due to the high tack paper adhesiveness, **it is important to acknowledge that during the removal process, it is possible glue traces can remain on the surface.**

Before applying the paper always test the compatibility between the self-adhesive paper and the surface of the decoration.

It is recommended to apply the paper in a room with a temperature between 10 and 28°C.

Apply the vinyl only using the dry method. Do not use water!

This paper is not compatible with:

- surfaces with small superficial tensions, silicone, rubber and all apolar surfaces
- painted surfaces with poor adhesion of the paint to the surface underneath
- dusty surfaces
- dirty surfaces
- flexible surfaces such as banners, truck curtains or textiles
- surfaces that give out gas (out-gassing)
- gasoline vapors or spillages

Cleaning the paper

The cleaning process can be carried out dusting the paper with a feather duster. A more thorough cleaning can be done using a brush with soft bristles. **Do not use rough sponges and cloths, abrasive creams or solvents.**

Cleaning with unsuitable products and tools could cause a premature deterioration of the paper.

Maintenance

The surface of the paper is delicate and therefore should be treated with care. Avoid rubbing against objects that could cause scratches or ripping of the vinyl beyond repair.

An extended exposition to solar rays and to atmospheric agents could provoke a premature aging of the paper, especially for the parts exposed horizontally or to the south.

In conclusion, we recommend protecting the decorated surface from the sun and the elements to the greatest extent possible.

If a film deterioration should arise, for example, fading, change of colour or become brittle, then an immediate removal is recommended.

For a good maintenance of the paper regular cleaning is recommended.

Removal

Due to the high tack film adhesiveness, **it is important to acknowledge that during the removal process, it is possible that varnish or primer can peel off together with the paper. Furthermore, possible glue and paper traces can remain on the surface.**

During the removal process it is important to wet the paper thoroughly with warm water and the use of a sponge.

The operations of the vinyl removal are conditioned by many factors, such as the time passed from the application, exposure of the decoration either outdoors or indoors, type of surface, temperature of the room and of the surface, etc... **Therefore it is difficult to**

quantify and determine the speed and execution time of the removal by A.P.A. SpA.

The company APA cannot be held responsible of any damage caused during the removal phase and/or damages of the surface upon which the film has been applied.