



AquaFlex L-BAR #001

Liquid coating application
high barrier grade

PRODUCT DESCRIPTION

- AquaFlex™ LIQUID is a coating fully water based, modified amorphous vinyl alcohol water-based resin, used on any paper board or plastic film with proper surface tension (as Pet, PP, PE, PA, etc.) as on metallized or aluminum, to provide oxygen barrier with the purpose of increasing the shelf life of the products.
- Coating on paper to enhanced water resistance, grease and oil resistance as well as detergent and solvent resistant plus the benefit of very strong heat sealing.
- Keeping outstanding transparency, combined with being suitable for recyclable, biodegradable and compostable applications.
- These materials are environmentally friendly materials with water solubility and biodegradable properties, they can be completely dissolved in water. In natural environment, microbes ultimately break the products into carbon dioxide and water. After returning to the natural environment, they are non-toxic to the plants and animals.
- Thanks to its formula it ensures a high wettability.
- Supply in liquid form

TECHNICAL DATA

Parameter	Analysis method	Result
Color	Organoleptic evaluation	Off white
Odor	Organoleptic evaluation	Lightly alcohol
Form		Liquid
Viscosity (Brookfield at 25°C, mPas)		50-100 mPas
% not volatile		15-20%
PH		7-9
Appearance		Pass

PROCESSING INFORMATION

PVA LIQUID can be applied in printing machine both flexo or roto system.

It is very important to dry very well the coated substrate, to avoid problems so is suggested also the use of IR LAMPS.

Before first ink layer is applied, we recommend depending on speed temperature and drying power, to use one or two ink body columns.

Drying temp: 80-120 C degree.

Coating can be done using a solvent based or combi laminating machine

Obtained rolls can be printed and laminated or laminated unprinted with other films.

COATING WEIGHT

Coating weight can vary according to the substrate in use:

3- 5 gr/m² of liquid to get the barrier function

6-10 gr/m² of liquid to get barrier function and heat seal.

CLEANING

Any part of the machine in contact with the product has to be cleaned with only and exclusively water, before and after the use of the coating.

Dry as best as possible with also use of compress air and consider with attention the product and the solvents to be used in the machine after the use of product.

STORAGE AND HANDLING

- PVA LIQUID is shipped in a 25kg/ cans or 120kg/drums and are ready to use as supplied. They should be stored in a dry location away from heat.
- It has 6 months shelf life from production date.

Regional Centers

For help finding a local representative, please contact the following regional customer contact centers:

PVA PRO JSC

Add: 504 Nguyen Tat Thanh, District 4, HCMC

Tel: (+84) 774 833 230

Email: info@pva-pro.com