

Description

UVILACK A-703 is a UV curing adhesive intended for in-line lamination of labels with pre-treated polypropylene film. It is recommended that the polypropylene film has a surface tension of >38 dynes.

UVILACK A-703 adhesive can be applied wet-on-wet on UV inks; however, it is **NOT** advisable to use it in line with conventional inks.

Application

UVILACK A-703 can be applied by varnishing or flexographic machine equipped with UV curing system.

The deposited weight varies according to the support to be used, being the usual an amount between 7 and 10 g/m².

The product is intended for use on the following printable media:

- ✓ Paper
- ✓ Tint or corrugated cardboard
- ✓ Non porous substrates (metalized items, several plastics).

Technical characteristics

Solids content	100 %
Viscosity (Brookfield RVT, 20 rpm, 25 °C)	2.000 – 3.000 mPa·s
Curing speed	75 m/min with 2-3 lamps of 160 W/cm.
Flash Point:	> 100 °C.
Appearance	Transparent liquid

Final properties of the varnish

- ✓ Optimal adhesion
- ✓ Good flexibility
- ✓ Low yellowish
- ✓ Possibility of cleaved and folded

OBSERVATION:

The product information in this data sheet is the best of our current knowledge and is giving in good faith but without warranty of product properties.

Edition 0221

Packaging

UVILACK A-703 varnish is available in packages of 25, 200 and 1000 kg.

Methods of control in the varnishing process

- Check the resistance of the inks against solvents, alcohols and alkalis according to NORM DIN 2836, former NORM DIN 16524, to exclude any color changes.
- Control surface tension of the substrate and inks (not less than 36 dynes).

Cleaning

Any part of the machine that has been exposed to direct contact with the product should be cleaned with suitable solvents.

Useful life and storage

Since the expiry date can change, due to causes foreign to the proper manufacture and packed of the product (conditions of storage, transport, etc.), we guarantee a perfect condition of the same one up to 6 months after the date manufacturing. (If the product is used after past the safety term, realize previous essays). It is suitable to avoid the direct exhibition to the light and the solar beams, as well as, the permanence prolonged to temperatures that exceed them 40°C.

The product must be stored in its original packaging well closed to temperatures between 5 and 20°C.

Safety and handling

Although the components of **UVILACK A-703** show a low DRAIZE irritation index, the product should be handled cautiously, avoiding the contact with the skin, particularly with the eyes. Material safety data sheet available on request.

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Remarks

Due to the numerous factors that take part during the varnish, such as: conditions of work, different materials to use and different purposes from the finished product, we always recommended to realize previous tests in order to avoid that possible incompatibilities with the product are originated during and after the varnish.

Our responsibility is limited due to not being able to exert control some during the process of impression in the used supports, nor in the correct use of made ours.

Therefore, we advised in the cases that leave the normal development of the work to carry out, consult before with our Technical Department, which will advise to them properly.

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Description

UVILACK A-702 is a UV curing adhesive intended for in-line lamination of labels with pre-treated polypropylene film. It is recommended that the polypropylene film has a surface tension of >38 dynes.

UVILACK A-702 adhesive can be applied wet-on-wet on UV inks; however, it is **NOT** advisable to use it in line with conventional inks.

Application

UVILACK A-702 can be applied by varnishing or flexographic machine equipped with UV curing system.

The deposited weight varies according to the support to be used, being the usual an amount between 7 and 10 g/m².

The product is intended for use on the following printable media:

- ✓ Paper
- ✓ Tint or corrugated cardboard
- ✓ Non porous substrates (metalized items, several plastics).

Technical characteristics

Solids content	100 %
Viscosity (Brookfield RVT, 20 rpm, 25 °C)	1.000 - 2.000 mPa·s
Curing speed	75 m/min with 2-3 lamps of 160 W/cm.
Flash Point:	> 100 °C.
Appearance	Transparent liquid

Final properties of the varnish

- ✓ Optimal adhesion
- ✓ Good flexibility
- ✓ Low yellowish
- ✓ Possibility of cleaved and folded

OBSERVATION:

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Edition 0221

Packaging

UVILACK A-702 varnish is available in packages of 25, 200 and 1000 kg.

Methods of control in the varnishing process

- Check the resistance of the inks against solvents, alcohols and alkalis according to NORM DIN 2836, former NORM DIN 16524, to exclude any color changes.
- Control surface tension of the substrate and inks (not less than 36 dynes).

Cleaning

Any part of the machine that has been exposed to direct contact with the product should be cleaned with suitable solvents.

Useful life and storage

Since the expiry date can change, due to causes foreign to the proper manufacture and packed of the product (conditions of storage, transport, etc.), we guarantee a perfect condition of the same one up to 6 months after the date manufacturing. (If the product is used after past the safety term, realize previous essays). It is suitable to avoid the direct exhibition to the light and the solar beams, as well as, the permanence prolonged to temperatures that exceed them 40°C.

The product must be stored in its original packaging well closed to temperatures between 5 and 20°C.

Safety and handling

Although the components of **UVILACK A-702** show a low DRAIZE irritation index, the product should be handled cautiously, avoiding the contact with the skin, particularly with the eyes. Material safety data sheet available on request.

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Application

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The deposited weight varies according to the support to be used, being the usual an amount between 7 and 10 g/m².

The product is intended for use on the following printable media:

- ✓ Paper
- ✓ Tint or corrugated cardboard
- ✓ Non porous substrates (metalized items, several plastics).

Technical characteristics

Solids content	100 %
Viscosity (Brookfield RVT, 20 rpm, 25 °C)	1.000 - 2.000 mPa·s
Curing speed	75 m/min with 2-3 lamps of 160 W/cm.
Flash Point:	> 100 °C.
Appearance	Transparent liquid

Final properties of the varnish

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Application

UVILACK A-701 can be applied by varnishing or flexographic machine equipped with UV curing system.

The deposited weight varies according to the support to be used, being the usual an amount between 7 and 10 g/m².

The product is intended for use on the following printable media:

- ✓ Paper
- ✓ Thin or corrugated cardboard
- ✓ Non porous substrates (metalized items, several plastics).

Technical characteristics

Solids content	100 %
Viscosity (Brookfield RVT, 20 rpm, 25 °C)	300 - 800 mPa·s
Curing speed	75 m/min with 2-3 lamps of 160 W/cm.
Flash Point:	> 100 °C.
Appearance	Transparent liquid

Final properties of the varnish

- ✓ Optimal adhesion
- ✓ Good flexibility
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