

Environmentally Friendly Aqueous Varnish for Inline Coating

AQUAPACK Varnish BL-12

■ Environmentally Friendly Aqueous Varnish

AQUAPACK is an environmentally friendly aqua varnish with acrylic resin emulsion as primary constituent. Not only does it observe NL Regulation of Japan Printing Ink Makers Association, but it also does not contain any PRTR regulated substances. VOC (Volatile Organic Compounds) contents are extremely low. Its rapid drying property allows for non-spray stacking. It helps reduce operator's workload and improve working environment of the factory.

■ Features

AQUAPACK Varnish BL Series can be used as an adhesive for blister packs. Inline coating by lithographic press is possible. Use water to dilute. (Pay attention that alcohol causes varnish to flocculate.)

■ Properties

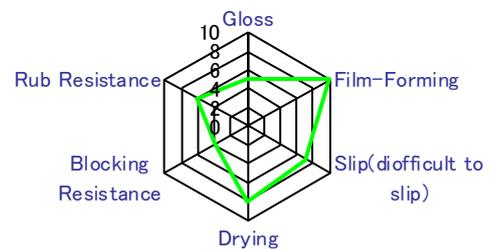
| | AQUAPACK Varnish BL-12 |
|------------------|------------------------|
| Main Constituent | Acrylic resin emulsion |
| Physical | Milky white liquid |
| Solidity | 39 ± 2% |
| Viscosity | 35 ± 5sec |
| pH | 8.0 ± 0.5 |

(Viscosity: Zahn cup # 4/25°C)

Non-hazardous substance

Water soluble

【Physical Property Radar Chart】



(Note: Values on the outer side represent)

- As an adhesive for blister packs it can be used in inline-coating.
- Excellent adhesion with UV ink
- Excellent drying property

【Blister Pack Conditions】

| | Heat Sealing Method | Impulse Method |
|-------------|-----------------------|------------------------|
| Temperature | > 150°C | >140°C |
| Pressure | > 7kg/cm ² | > 5 kg/cm ² |
| Time | >3 sec | > 1 sec |



- ▶ Do not mix with other varnishes.
- ▶ The data contained herein are based on the results of the tests conducted in accordance with the in-house test methods, and are not standard values. Always conduct pre-use tests to ascertain the suitability of the product to your requirements. Nothing contained herein is to be construed as a recommendation for use in violation of any patents, applicable laws or regulations. It is the responsibility of the user to comply in all respects with applicable laws and regulations.
- ▶ Owing to product improvement the information contained herein may be modified without any prior notice.
- ▶ Make sure to read MSDS thoroughly before using the product.