

Environmentally Friendly Aqueous Varnish for Inline Coating

AQUAPACK Varnish P—1

■ 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 P Series is applicable to calender machine process, enables mirror surface gloss. This series can be used for catalog and book covers, paper containers for food, medicine, and apparel. Inline coating by lithographic press is possible. Use water to dilute. (Pay attention that alcohol causes varnish to flocculate.) Apply thicker coating to achieve excellent gloss.

■ Properties

	AQUAPACK Varnish P—1
Main Constituent	Acrylic resin emulsion
Physical	Milky white liquid
Solidity	43±2%
Viscosity	30±3sec
pH	8.5±0.5

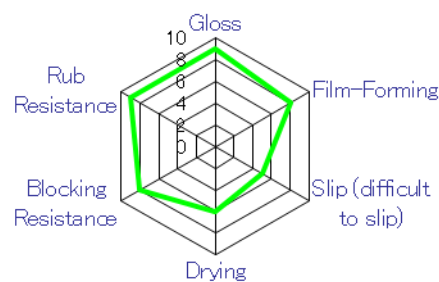
(Viscosity: Zahn cup #4/25°C)

Non-hazardous substance

Designated flammable (inflammable liquid)

Water soluble

【Physical Property Radar Chart】



(Note: Values on the outer side represent better quality.)

- Excellent rub resistance
- Excellent blocking resistance
- Excellent gloss
- Excellent slip property
- Dual-use possible



- ▶ Select glue and foil to be used for gluing and foil stamping, and then test the suitability of this product prior to use.
- ▶ The date 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.