

UV Standard Varnishes

Our UV varnishes are qualified for the surface finishing, the surface protection or the surface pretreatment, especially pretreatment before printing with thermal transfer tapes and hot stamping. All UV varnishes are characterized by very good processability and excellent printing properties

For optimum curing of our UV Standard Varnishes a UV unit (source: mercury vapor lamp) with a lamp output of minimum 120W/cm is recommended.

Storage	Additives ¹	Production
Storage stability in original packaging when stored between 15° and 25°C is 9-12 months. Caution: Protect varnishes from direct sunlight.	9241 PR Antifoam	Special modifications are available on request.
Packaging	Safety data sheet	Hazardous Substances Statement
10 kg Can 200 kg Drum 600 kg Container	Safety data sheet on request	See safety data sheet

Produkt-Code	Description	Viscosity 23°C	Gloss ²	Surface tension	Yellowing	Glueing	Hot Foil Stamping	Application
Gloss Varnishes								
PR 9410	UV Gloss Varnish	40s/4mm	85	<30	⊖	⊖	⊖	Extreme low odour, colourless, good slip, high abrasion resistance, good general resistance.
PR 9421	UV Gloss Varnish	30s/4mm	89	<30	⊖	⊖	⊖	Suitable for paper and film, especially for thermal papers. Smooth surface and good flow.
PR 9425	UV High Gloss Varnish	65s/4mm	90	<30	⊖	⊖	⊖	High gloss varnish for paper and film, very good flow.
PR 9450	UV High Gloss Varnish	100s/4mm	90	<30	⊖	⊖	⊖	High gloss varnish for paper, thermal paper and film, extreme high chemical resistance, high abrasion resistance.

Produkt-Code	Description	Viscosity 23°C	Gloss ²	Surface tension	Yellowing	Glueing	Hot Foil Stamping	Application
Matt Varnishes								
PR 1016	UV Matt Varnish	30s/6mm	10	<32	⊖	⊕	⊖	Matt varnish for paper and film, satin matt surface, high abrasion resistance, good chemical resistance, good slip.
PR 1018	UV Matt Varnish	65s/4mm	7	<38	⊖	⊕	⊕	Matt varnish, very good processability, satin matt surface, very high abrasion resistance und very good general resistance.
TT Varnishes ³								
PR 9289	UV Matt Varnish TT overprintable	60s/6mm	15	40	⊖	⊕	⊕⊕⊕	Matt varnish for paper and film, overprintable with TT tapes and good abrasion resistance.
PR 9291	UV Gloss Varnish TT overprintable	25s/6mm	89	40	⊖	⊕	⊕⊕⊕	Gloss varnish with high surface tension, suitable for flat-bed and near-edge printer.

¹ The addition of additives changes the properties of UV coatings (in particular TT-varnishes) and are use after consultation with our technicians. All UV coatings basically have to be well stirred.

² Gloss grade: 80 – 100 ≙ High gloss 65 – 80 ≙ Gloss 35 – 65 ≙ Semi 5 – 35 ≙ Matt

³ Suitability for hot stamping and printing with thermal transfer tapes should be tested under realistic conditions.

⊕⊕⊕ very good suitable

⊕⊕ good suitable

⊕ limited suitable

⊖ not suitable

The information contained in this leaflet are intended as guidelines. They are based on experience after thorough testings in the laboratory and testings under realistic conditions. The contents are not legally binding.

Stand: November 2015