

# UV Letterpress Varnishes

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

For optimum curing of our UV letterpress varnishes a UV unit (source: mercury vapor lamp) with a lamp output of about 100W/cm is recommended.

Storage	Additives <sup>1</sup>	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 9271 PR Slip Additive 9273 PR Silicone Additive 9130 PR Thinner	Special modifications are available on request.
Packaging	Safety data sheet	Hazardous Substances Statement
5kg Can 10 kg Can	Safety data sheet on request	See safety data sheet

Produkt-Code	Description	Viskosity 23°C	Gloss <sup>2</sup>	Surface tension	Yellowing	Glueing	Hot Foil Stampable	Application
<b>UV Letterpress Gloss Varnishes</b>								
PR 9460	UV Gloss Varnish	n.m	70	<30	⊖	⊖	⊖	UV letterpress varnish is suitable for ink tray, abrasion resistant, water- and dirt-repellent. Resistant to heat sealing and chemical resistant. The varnish provides slip and is usable for a wide range of materials.
PR 9284/6	UV High Gloss Varnish	n.m	90	40	⊖	⊖	⊖	UV letterpress varnish is suitable for ink tray, abrasion resistant, water- and dirt-repellent. Resistant to heat sealing and chemical resistant.
<b>UV Letterpress Matt Varnish</b>								
PR 9403	UV Matt Varnish	n.m	30	30	⊖	⊖	⊖	UV letterpress varnish with velvet matt surface, very good processability, high abrasion resistance und good general resistance.

Produkt-Code	Description	Viskosity 23°C	Gloss <sup>2</sup>	Surface tension	Yellowing	Glueing	Hot Foil Stampable	Application
<b>TT Varnishes <sup>3</sup></b>								
PR 9462	UV Gloss Varnish gloss TT overprintable	n.m	80	38	⊖	⊕	⊕	Letterpress varnish for ink tray with a smooth glossy surface and is overprintable with TT tapes. Good surface protection and processability.
PR 9462 Mat	UV Matt Varnish TT overprintable	n.m	10	38	⊖	⊕	⊕	Letterpress varnish with a matt surface and is overprintable with TT tapes. Good surface protection and processability.

<sup>1</sup> 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.

<sup>2</sup> Gloss grade: 90 – 100 ≙ High gloss    65 – 90 ≙ Gloss    35 – 65 ≙ Semi    5 – 35 ≙ Matt

<sup>3</sup> 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.

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