

# UV Special Varnishes

Our UV special varnish are qualified for the surface finishing, the surface treatment or the protection of the surface. All UV special varnishes are characterized by very good processability and excellent printing properties.

For optimum curing of our UV Special Varnishes a UV unit (source: mercury vapor lamp) with a lamp output of minimum 120W/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	Special modifications are available on request.
Packaging	Safety data sheet	Hazardous Substances Statement
10 kg Can	Safety data sheet on request	See safety data sheet

Produkt-Code	Description	Viscosity 23°C	Gloss <sup>2</sup>	Surface tension	Yellowing	Glueing	Hot Foil Stampable	Application
<b>Antistatic Varnish</b>								
PR 9415	UV Antistatic varnish	85s/4mm	90	30	⊖	⊖	⊖	UV varnish to minimize static electricity charge for the processing of films. Good abrasion resistance, reduces blocking tendency.
<b>Neutralization Varnish</b>								
PR 9407	UV Neutralization varnish	40s/4mm	60	<30	⊖	⊖	⊖	UV Release varnish to neutralise the adhesive of self-adhesive labels, high slip and high chemical resistance.
<b>Luminescence Varnishes</b>								
PR 9483	UV Luminescence varnish	30s/6mm	85	38	⊖	⊕⊕⊕	⊕⊕⊕	UV luminescence varnish with a yellow-green glow under UV light. Good abrasion resistance.
PR 9485	UV Luminescence varnish TT overprintable	30s/6mm	80	40	⊖	⊕⊕⊕	⊕⊕⊕	UV luminescence varnish with a yellow-green glow under UV light. Free of additives, therefore overprintable with thermal transfer tapes <sup>3</sup> .

Produkt-Code	Description	Viscosity 23°C	Gloss <sup>2</sup>	Surface tension	Yellowing	Glueing	Hot Foil Stampable	Application
<b>Braille Varnish</b>								
PR 9570	UV Braille varnish Screen printing	5min/6mm	85	<30	⊖	⊖	⊖	UV screen printing varnish for printing of braille and symbols. Very good processability and high, abrasion-resistant and colour bright.
<b>Varnishes for special applications</b>								
PR 9422	UV Varnish weatherproof and silicon-free	92s/4mm	80	36	⊖	⊕	⊕	UV varnish, extreme weatherproof, no weathering and no embrittlement, water- and dirt-resistant, silicon-free and therefore overprintable with thermal transfer tapes <sup>3</sup> .
PR 9423	UV Varnish Distance	40s/6mm	25	30	⊖	⊖	⊖	UV varnish for the surface protection, semi-matt with extreme slip, its unique structure prevents blocking of the printed layer.
<b>UV Primer</b>								
PR4010	UV-PVC Primer	24s/6mm	90	38	⊖	⊕⊕⊕	⊕⊕⊕	UV Primer to improve the printability of difficult surfaces like PVC. Very good processability. The primer is excellent overprintable.

<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.