UV Digital Varnishes

Our UV digital varnishes are qualified for the surface finishing and surface treatment of inkjet printing processes. All UV digital varnishes are characterized by very good processability and excellent printing properties.

For optimum curing of our UV digital 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	Safety data sheet on request	See safety data sheet

Product-Code	Description	Viscosity 23°C	Gloss [2]	Surface tension	Yellowing	Glueing	Hot Foil Stampable	Application
Varnishes								
PR 9712	UV Digital Varnish	80s/4mm	89	<30	⊕	⊖	⊖	Very low odour, good slip, high abrasion resistance, good general resistance.
PR 9801	UV Digital Varnish	30s/6mm	89	38	⊖	⊖	⊖	Suitable for all papers and foils. Especially suitable for thermalpapers and overprintable with TT-tapes[3].

[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: 90 – 100 ≙ High gloss 65 – 90 ≙ 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.

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