

## For the „Cherry on Top“ - Marabu UV-Varnishes

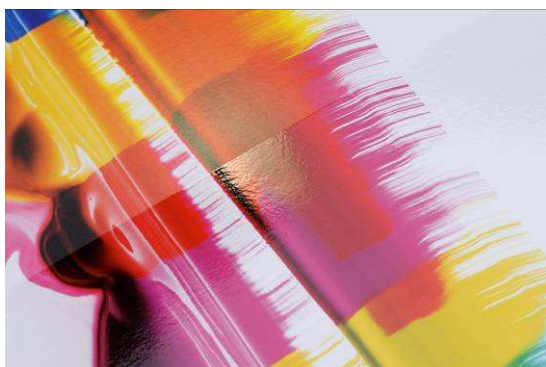
Marabu Varnish Package for Graphic Screen Printing:

Gloss – Matt – Structure – Braille

Screen

2012

2. Apr



The ennobling of prints with UV varnishes is very popular. Whether full print area or selectively applied over-prints, screen-printed coatings are alive on brilliant high gloss finishes, fine quality matt surfaces, attractive textures, or tactile prints.

Beyond optical and surface feel effects, UV varnishes provide excellent protection against chemical and mechanical stress.

### UV-curable Gloss Varnishes

A very noble effect is attained via “spot-varnishing” which combines high-gloss coatings with matt surfaces. High-gloss effects are a typical domain of screen printing.

#### Gloss Varnish UVLG 1

UV gloss varnish, compatible with offset or screen prints, high degree of gloss, very flexible, for slower printing speeds.

- Universal use

#### Gloss Varnish UVLG 5

UV gloss varnish, compatible with oxidative, UV-curable, and soya-based offset printing inks, high degree of gloss, flexible. High reactivity, for single- and double-sided, full automatic production. Very good surface stability, and low odour.

- Universally applicable for one- and two-sided offset coatings
- Attractive price

#### Gloss Varnish UVLG 6

UV gloss varnish, compatible with solvent-based or UV-curable screen prints, dirt-repellent. Highly resistant against petrol, brake fluid, and other aggressive media. High degree of gloss.

- Highly chemical and stain resistant, ideally suited as protective varnish

#### Gloss Varnish UVLG 7

Relief varnish, for flat bed screen printing machines (sheets, and roll-to-roll label printing). Very high ink deposit, constant ink layer. High degree of gloss, flexible, with high-definition outlines.

- Perfectly suited for relief Text and solid areas
- Defined, high ink deposit without air entrapment

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#### UV-curable Matt Varnish

Owing to their optical irregularity, offering diffuse light scatter, matt surfaces have a very noble appearance. Furthermore, they are usually less sensitive to fingerprints than glossy surfaces.

##### **Matt Varnish UVLM 2**

Fast curing matt varnish, smooth texture, for full automatic overprints of offset and screen prints. For safe and homogenous matt finishes, without streaks and drips.

- Scratch-resistant, homogenous surface with high matt degree for noble designs

#### UV-curable Structure Varnishes

Anti-glare images whilst improving the surface feel can be achieved with structure varnish.

##### **Structure Varnish UVLS 1**

Varnish with coarse texture, scratch resistant. Also suitable for printing onto the front side of membrane switches.

- Coarse texture

##### **Structure Varnish UVLS 2**

Scratch resistant varnish, finely textured. Also suitable for printing onto the front side of membrane switches.

- Fine texture

#### UV-curable Braille Varnishes

An extremely high ink deposit with sharp-edged definition is the main criteria which has to be fulfilled by Braille varnishes, e.g. in order to enable blind and visually impaired people to identify product labels.

##### **Braille Varnish UVLB 1**

Highly reactive, viscosity attuned to rotary screen printing, very high ink deposit. Constant ink layer and sharp-edged definition, very flexible and transparent

- For rotary screen printing
- Virtually no flow to ensure sharp Braille dots

##### **Braille Varnish UVLB 2**

Flexible, transparent varnish with high viscosity, attuned to flat bed screen printing. Sharp-edged definition, very high ink deposit with constant ink layer.

- For flat bed screen printing
- Virtually no flow to ensure sharp Braille dots

Following Page: Comparison Chart

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### Marabu UV-curable Varnishes – Comparison of the most important features

			Transparency/ surface	Curing speed	Double-sided applications	Chemical Resistance	Weather Resistance	Dirt-repellent	Flexibility
Gloss	UVLG 1	Universal use	+++	+	O	++	O	O	+++
	UVLG 5	For varnishing offset prints	+++	+++	+++	++	O	O	+++
	UVLG 6	Protective varnish	+++	+++	++	+++	O	+++	+
	UVLG 7	Relief varnish	+++	+++	O	++	+	O	+++
Matt	UVLM 2	Also suitable for varnishing offset prints	milky matt	+++	+++	O	O	O	++
Structure	UVLS 1	Coarse texture	milky	+	++	O	O	O	+
	UVLS 2	Fine texture	milky	+	++	O	O	O	+
Braille	UVLB 1	For rotary screen printing	+++	+++	O	++	+	O	++
	UVLB 2	For flat bed screen printing	+++	+++	O	++	+	O	++

+++ = excellent ++ = very good + = good O = limited

**In the event of any queries please contact our Product Management or our Technical Hotline!**

Mrs. Claudia Bauer  
Product Management Graphic Screen Printing  
Phone: +49 7141 691270  
[b@marabu.de](mailto:b@marabu.de)

Mr. Pascal Iffland  
Product Management Effects  
Phone: +49 7141 691340  
[if@marabu.de](mailto:if@marabu.de)

Technical Hotline  
Phone: +49 7141 691140, [aweta@marabu.de](mailto:aweta@marabu.de)

For further information please visit  
[www.marabu-inks.com](http://www.marabu-inks.com)