

NewV lac[®] for UV curing

All NewV lac systems are made of 100% polymerisable vehicle components and consequently contain no solvent in the conventional sense, which in turn means they also do not lead to any VOC emissions. There is no danger with respect to flammability and the products are therefore not subject to the German ordinance on flammable liquids (VbF). As regards handling of the products, always proceed in accordance with the UV information sheet published by the Verband der Druckfarbenindustrie (VdD – German Association of Printing Ink Manufacturers).

The NewV lac systems are available for various application processes:

Gloss varnishes

NewV lac high-gloss		films
For wet offset	40 UC 5200	40 UC 5200
For dry offset	40 UC 3200	40 UC 4200
For varnishing units and machines	40 UC 1100	40 UC 2200
Letterpress varnish for hot foil stamping	40 UC 7250	
Varnishing-unit varnish for hot foil stamping	40 UC 7200	

Matt varnishes (suitable for various substrates)

NewV lac matt	for varnishing paper and board
For wet offset and dry offset, writeable	40 UC 6150
For wet offset and dry offset, contains lubricant	40 UC 6100
For varnishing machines	40 UC 6200

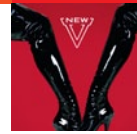
The rub resistance depends on the nature of the substrate surface.

If you send us customer specifications and requirement profiles, we can also supply you with further varnishes on request.

Special properties

- High reactivity
- High mechanical stability and chemical resistance
- Very good gloss
- Low-odour
- Good adhesion results on dried prints made with conventional offset / letterpress inks
- Low-yellowing

* The matt effect produced with these varnishes depends on the film weight; the higher the film weight, the less matt the effect.



Thinner

NewV sup Reducer 40 U 8200 (contains activator). Max. addition: 10%

Classification

Safety Data Sheet available on request.

Shelf life

Max. 3 months at 20°C if the contained is not opened.

How supplied

- 1 - kg vacuum-sealed cans (for NewV lac matt for wet and dry offset only)
- 10 - kg containers
- 120 - kg disposable drums
- 500 - kg containers

N.B.

UV varnishing of conventional prints may lead to varnish trapping (reticulation) problems that result in what is known as the "orange peel effect" or cratering, or in insufficient adhesion of the cured varnish film. For this reason, use UV-varnishable, conventional speciality inks for printing. Quick-setting inks are suitable (see also TI 5.01.01).

NOTE

In the case of inks made with pigments that are not solvent-, alcohol- and alkali-resistant – such as HKS® 27, 33 and HKS® 43 – colour shifts may occur. This problem can be avoided by using inks with appropriate pigmentation and/or special UV varnishes.