



NewV news[®] UN 4000

UV curing ink for web offset with mercury lamps printing on absorbent substrates

The **NewV news** series had been developed for UV newsprint applications for undershot and overshot ink knife systems. They offer improved print quality with sharp images and intense, bright colour to the printed product, by this reason besides newspapers they are also recommended for semi-commercial products.

The **NewV news UN 4000** series is specifically tailored to substrates with a high risk of picking.

Properties

- High colour intensity
- No set-off
- VOC free
- Fast, immediate curing
- High gloss
- Good transfer
- Improved rub-resistance
- High fountain solution tolerance
- Quick adjustment of the ink – water balance

Process colours	Sales code	Fastness properties according to ISO 12040 / ISO 2836				
		Light WS	Alcohol	Solvent mixture	Alkali	UV varnish
Yellow	41 UN 4000	5	+	+	+	+
Magenta	42 UN 4000	5	+	+	-	+
Cyan	43 UN 4000	8	+	+	+	+
Black	49 UN 4000	8	+	+	+	+

Substrates

The **NewV news** series is suitable for:

- Coated and uncoated papers
- Newsprint paper
- LWC, SC, MFC, VAC papers

Applications

Recommended rubber blanket: EPDM.

The plates need to have resistance against UV inks or they need to be baked.

Existing conventional ink pumps are not suitable for UV-curing inks.

Avoid using fittings and piping systems which contain copper! Contact between such fittings and UV-curing inks may start the polymerization process (called the „dark reaction“).

Printing auxiliaries

The **NewV news** inks are ready to use products. In case small adjustments are needed for special requirements, please find the recommended additives in our technical information sheet: *50A001 NewV sup_Auxiliaries for radiation-curing offset printing.*

Food and confectionery packaging

The products listed above are not suitable for printing primary food packaging or secondary packaging where the primary layer is not a barrier against migration of substances from the printed layer to the packed product. More information on the subject of packaging for food, cosmetics, pharmaceutical products, tobacco can be found in the information sheet *50.G.002 NewV for food packaging*. Please also find information on the webpage of the European Printing Ink Association: www.eupia.org.

Classification

Safety data sheet is available on request.

Shelf life

The minimum shelf life of these products is 12 months from the production date if the container is not opened. But dependent on the storing and handling conditions, they can be usable much longer. For extending the warranty period, please contact our sales representatives.

Further information: Store between 5 - 25°C. Higher storage temperature may reduce shelf life. Protect from frost and sunlight. The cans need to be closed back immediately after usage.

Packaging

10 kg can

200 kg drums