

NewV poly[®] pearlescent effects in UV offset printing

Finishing in the inking unit

Application

Pearlescent inks offer special opportunities for the creative design of print jobs. Such inks are popularly used for high-quality brochures, labels and packages.

To date, such pigments have been employed predominantly in gravure, flexo and screen printing. Thanks to new ink production processes, they can now also be used in the inking units of offset presses.

The effects obtainable with pearlescent inks are many and varied and depend on the pigment. Exceptional effects can be obtained through the many different pigment separations. The effect is dependent also, for example, on the particle size of the pigments used. The matter and smoother the surface of the stock, the better the pigments are able to develop their typical characteristics.

Available colours

UV vehicle system*

UV Pearlescent	Bestell-Nr.
Litholilac	239316 UP
Lithowhite	235868 UP
Lithobblue	237890 UP
Lithobronze	239314 UP
Lithoyellow	239005 UP
Lithored	239313 UP
Lithogreen	239312 UP
Lithoredgold	237831 UP
BI Flair 66 A	239315 UP
Lithogreengold	239317 UP

* Suitable for printing on paper, board, film / foil materials (pre-production adhesion test necessary).

Colour card MK 38 with proofs of the 10 colours is available on request.

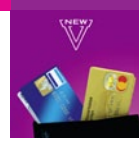
If required, further colours for a wide range of different applications or printing processes can be made available at any time.

Application

Pearlescent effect pigments up to 25 µm in size can be used in UV offset printing.

Larger pigments cannot be optimally transferred in the inking unit. In offset printing, such pigments are used in special varnishing systems (chambered doctor blade) or in the other above-mentioned printing processes. When printing with halftone image areas, the screen count should be no finer than 34 l/cm. Otherwise there may be problems with the transfer of the pigment platelets. Depending of the type of press, it has proved advantageous to operate outside the usual standard with regard to inking and inking unit setting.

When using PEARLESCENT inks in the inking unit for the first time, we advise you to contact our application specialists.



Classification

Safety Data Sheet available on request.

Shelf life

At least 12 months when stored under the correct conditions (20°C, protected against heat and light).

How supplied

2.5-kg cans