

# Technology Twin (drip-off) varnishing

**Technology Twin (drip-off) varnishing** allows to carry out selective varnishing without the manufacture of a special varnishing form. Due to this technology, you can get a specific decorative effect, which is often used in design, based on the contrast of the matte and glossy surface. It allows to create a multi-faceted relief of the picture, to select thin parts of the image, to give the impression individual tactile properties, to increase the wear resistance of the product.

This technology is particularly convenient for printing companies that do not have a coating unit equipped with a chamber-doctor for the lacquer supply system.

For the implementation of this technology in the production of sequentially located printing and varnishing sections.

The varnish can be aqueous or ultraviolet curing.

The greatest difficulty in implementing the technology is associated with tuning the machine in order to obtain the optimum effect.

This technology is realized both on offset and flexographic printing machines with a section of UV varnishing, and on the machines with UV-varnishing machines with two printing sections using a pair of varnishes created by our specialists.

On the inking section, a modified matte inks is selectively applied:

- Transparent MAT Offset – Labitex 1290/3.
- Transparent MAT UV Offset -Labitex TWIN MAT UV OFFSET.
- Transparent TWIN MAT Flexo- Labitex TWIN MAT UV FLEXO.

On the varnishing section is applied:

- UV-curing – Labitex UV 5579 GS.
- Water-based – Labitex WB 682.

On the areas with matte paint lacquer does not lie down, and they remain frosted.

These pairs of varnishes are repeatedly tested on different equipment and are used by our customers. The complexity of this technology lies in the selection of the print and varnishing section, but our materials allow us to find the optimal operating mode and obtain a reproducible qualitative result.

