



HIGH PERFORMANCE INKS FOR
HAUTE HORLOGERIE

printcolor 
high performance inks

Everything at a Glance

The Product Package for Watches



Ink for calendar rings

Fast drying pad printing ink for full surface printing onto calendar rings. Subsequently, the date figures are printed by means of pad printable relief ink. The ink offers excellent opacity and homogenous leveling.



Quick-drying pad printable relief ink

Fast drying relief ink for pad printing. With its excellent processability and excellent print image it meets the high demands of the "Haute Horlogerie".



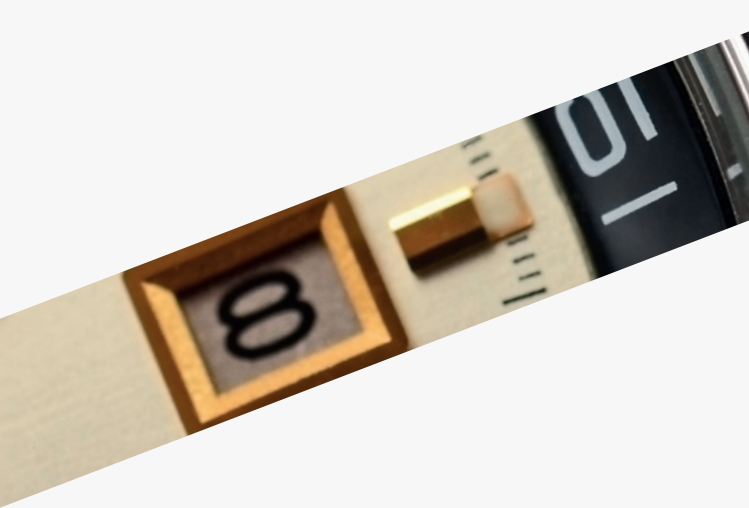
Pad printable phosphorescent ink

This phosphorescent ink is suitable for pad printing of watch dials. Currently, three different color changes are available (white/green, yellow/green and white/blue).



Zapon varnish for silver-plated substrates

The highly transparent zapon varnish can be embossed and mill-cutted and has impressive leveling properties. The lacquer is resistant to heavy mechanical and thermal stress.



Pad Printing Ink for Calendar Rings

The ink for calendar rings is characterized by its excellent opacity and leveling properties. Its use in the pad printing process makes it possible to reduce the ink consumption by about a third - without losing production speed.

A particular strength of the ink is that it can be integrated into a multi-color pad printing process. This allows that color funds or fine date figures (relief printing) can be printed in the same pass.

Your main benefits

Excellent opacity

Very homogeneous leveling properties

Reduced ink consumption

Higher productivity



Quick-drying Pad Printing Relief Ink

The relief ink meets the high demands of “Haute Horlogerie” because it dries quickly and produces an excellent print image. It can also easily be used with all standard pad printing machines.

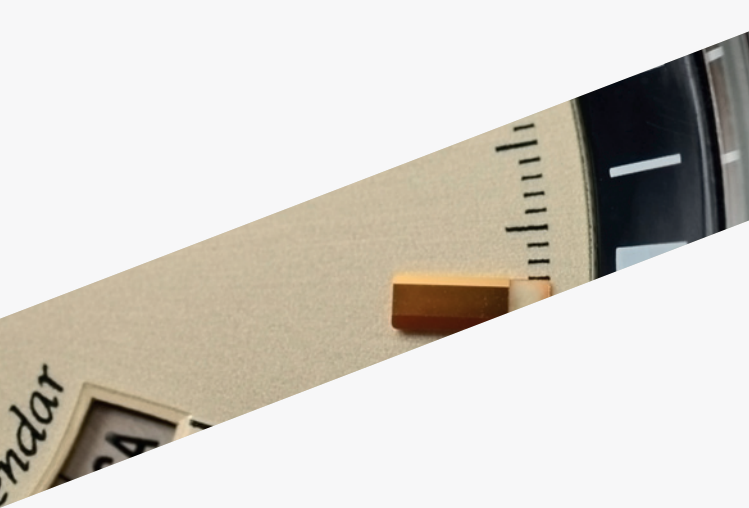
The relief ink shows excellent adhesion on all surfaces that are used in the dial industry (10 min / 80°C). It is available in all basic colors (Printcolor MS-colors).

Your main benefits

Very good workmanship

Excellent print image

Meets the requirements of the “Haute Horlogerie”



Zapon Varnish for Galvanized Substrates

The highly transparent, zapon varnish for silver-plated surfaces protects the galvanic layer from oxidation. It can be embossed and mill-cutted and has impressive leveling properties.

The zapon varnish is resistant to heavy mechanical and thermal stress and dries purely physically. If application errors or dust inclusions occur, it can be removed quickly and easily with thinners.

Your main benefits

- Can be embossed and mill-cutted
- High mechanical and thermal resistance
- Highly transparent
- Excellent leveling properties
- Very even layer thickness

High Performance Printing Inks and Coatings for Watches

Watches are technical masterpieces that demand the very highest perfection in every component and in every stage of the production process. From printing through to durability and lifecycle testing, only one thing counts: **quality and the very best technology.**

We have specially aligned our production and QM systems to meet these demands.

As a Swiss family company with a history spanning many decades, Printcolor produces printing inks of the very highest quality. Guided by our core values of quality, innovation, flexibility, trust and understanding, we develop and produce customised solutions in proven Swiss quality.

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