



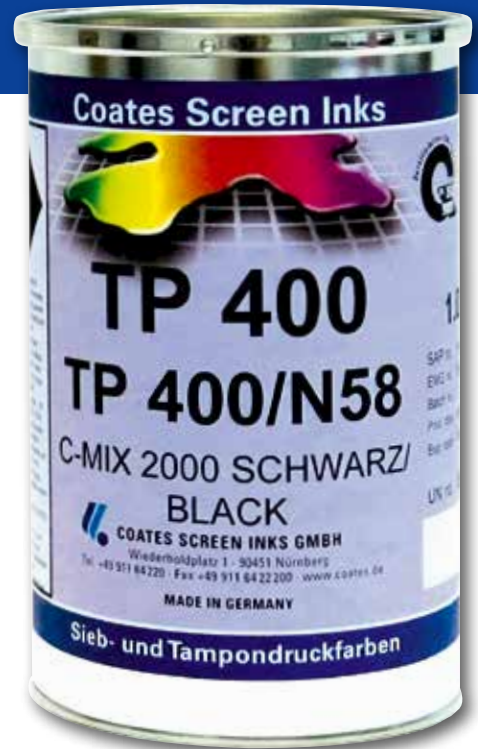
Edwin Tafelmeier,
Laboratory Manager

THE TREND-SETTER

TP 400

Modern • Reliable • Versatile

The new pad printing ink of
Coates Screen Inks GmbH



IS IT POSSIBLE TO IMPROVE SOMETHING EXCELLENT?

Yes, you can – with our new pad printing ink TP 400 we have once again set new standards for pad printing.

This new development combines our comprehensive experience gained during the past 30 years with all modern requirements a printing ink has to meet.

Modern because the system only contains especially environmentally compatible materials:

Working with solvents or solvent-containing printing inks requires careful and safe working procedures and suitable occupational safety measures.

If, in addition the potential risks of a printing ink are significantly reduced, safe processes will be safer.

VERSATILE RANGE OF APPLICATIONS

TP 400 is suitable for almost all types of substrates, sometimes with optional addition of hardener.

Most plastic materials (including pre-treated polyolefines such as PP, PE), coated surfaces or metal surfaces can easily be decorated. Bottle closures, promotional items, toys, packaging materials, white goods, cosmetic products, and sport articles, there are only a few materials, you cannot print with TP 400.

TP 400 inks have USP Class VI certification and are suitable for printing on medical devices.

TP 400 RANGE IS FREE OF:

- BPA
- Cyclohexanone
- Solvent Naphtha
- PAH
- GB-Ester
- Aromatics

Low hazard classification according to: GHS

Compliance with: RoHS, REACH, EuPIA

Toy Standard: EN 71-3:2013

Medical Devices: USP Class VI - certification



EXCELLENT PROCESSING PROPERTIES:

The new ink system TP 400 is easy to process. Simply add suitable thinner to adjust printing viscosity and start printing. Generally, you will achieve good printing results straightaway. Time-consuming fine-tuning is hardly necessary, a great advantage for printers who print a variety of small orders. On the other hand, you will have the advantage of process safety for larger orders. Once the optimum parameters have been set, you generally will not have to readjust this ink type.

COMPREHENSIVE RANGE OF ADDITIVES

An ink type formulated with especially environmentally friendly raw materials would not make much sense if the additives used did not meet the same high requirements.

For TP 400 inks, we offer a broad range of compatible additives. Our classical additives as far as they are suitable for TP 400, but also new products especially developed for TP 400 inks. Our goal was to achieve an especially "clean" ink, even after adjustment to individual requirements. Everything matches. A list of all compatible additives is available upon request. And, if you have any questions you know that our applications department will always provide prompt and competent support.

The new TP 400 pad printing ink is an easy-to-handle allrounder, meeting highest quality demands and offering uncompromising solutions for all modern pad printing requirements.

With TP 400 we have pinpointed that it is possible to eliminate or drastically reduce harmful substances without compromising technical performances.



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