

PAD PRINTING INK

TP 318

THE NEW VERSATILITY

Glass • Metal • Plastics



SunChemical®

Coates Screen Inks

THE REMARKABLE – for almost all applications and substrates

Free of:

Cyclohexanone

Solvent Naphtha

Phthalates

PAH

GB Ester

Aromatics

Low hazard classification according to: GHS

Compliance with: RoHS, REACH, EuPIA Toy

Standard: DIN EN ISO 71-3:2019



Technical Data

Ink Type:	Pad printing ink 2-component
Base:	Solvent-Based Without silicone-containing levelling agents
Degree of Gloss:	Medium
Drying speed:	Quick
Hardener:	TP 219 TP 219/VCH

For substrates:

Glass

Metals

Coated substrates

PP, PE

Duroplaste

PMMA, PA

Please see information on reverse side



Coates Screen Inks GmbH

Nuremberg Screen and Pad Printing Inks
from Wiederholdplatz

Wiederholdplatz 1 · D-90451 Nuremberg
+ 49 911 64 22-0 · F + 49 911 64 22-200
info.coates@sunchemical.com
www.coates.de



TP 318

THE NEW VERSATILITY

Glass • Metal • Plastics

With this new development we offer another modern, future-oriented and especially environmentally compatible and user-friendly ink system.

Our intention from a technical point is to develop an exceptionally resistant 2-component pad printing ink suitable for the reliable printing of a vast variety of difficult and demanding substrates used for technical and industrial applications.

Using the corresponding hardeners the TP 318 ink range is suitable for various types of materials such as glass, metals, coated surfaces, pre-treated polyolefines (PP, PE), thermoplastics such as PMMA and PA as well as duroplastics.

TP 318 inks show excellent processing and handling properties. Even in high-speed printing lines there are no problems with ink transfer from the pad. The best possible and intensive colour prints can be achieved even on transparent materials.

Pad printing inks TP 318 are available in colour range C-MIX 2000 in an especially colour intensive adjustment. Also available in highly opaque range (HD) and brilliant MG bronzes (metal gloss).

Ink range TP 318 is formulated with especially environmentally-compatible raw materials to be in line with current safety requirements. All colour shades of TP 318 inks as well as the thinners and additives we recommend for adjusting this ink type neither contain aromatics, butyl glycolate (GB-Ester), cyclohexanone nor polycyclic aromatic hydrocarbons (PAH).

In addition this new ink system meets all necessary requirements for obtaining the GS mark (category 1) according to GS specification AfPS GS 2014:01 PAH).

More technical information and samples are available upon request.

MAIN APPLICATIONS

- Printing on Glass
- Printing on Metals
- Automotive applications
- Cosmetic articles
- Electrotechnical applications
- Domestic appliances
- Mainly used for demanding technical and industrial applications.

Processed with Hardener TP 219/VCH:

Printing on glass, ceramics, duroplastics, metals. Chromium and nickel-plated, gold-plated or rhodium-coated surfaces.

Processed with Hardener TP 219:

Printing on thermoplastics, especially polypropylene (PP), polyethylene (HD-PE, LD-PE), PMMA (acrylic glass), polyamide (PA), cellulose acetate, duroplastics, metals, coated surfaces.

Thinners:

Standard: Additive U

Very quick: Additive C

Slow: VD 60

Very slow: VZ 35

These statements are no assurances of suitability of pad printing inks for specific substrates. We provide these details to inform our customers about our pad inks and their possible applications; printing trials are always essential. This information is based on our present experiences - 01/2020

