Pad Printer

القائمةالرئيسية

1-inks

Pad Printing Inks

Solvent-based Pad Printing Inks

Mara® Prop PP

MaraProp PP is a satin gloss quick-drying one-component ink with a very flexible ink film and good adhesion properties. Especially developed for untreated and pre-treated polypropylene materials.

Advantages

1-component solvent-based ink
Suitable for untreated PP
Very flexible and bendable and fast drying

Product properties

Ink system: solvent-based 1-component
Degree of gloss : satin gloss
Drying: fast

Substrates

Polypropylen (PP), pre-treated
Polypropylen(PP), untreated

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Tampa® Glass TPGL

Glossy fast drying 2-component pad printing ink for glass and many other substrates. TampaGlass TPGL impresses with excellent appearance is easy to use and universally applicable thanks to very good adhesion and high resistances.

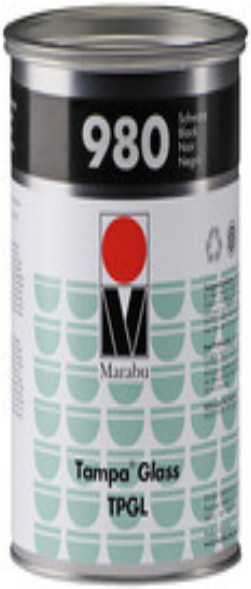
The new Tampaglass TPGL Opaque White 170 features everything you could wish for when it comes to

Opaque White:

Outstanding opacity more bluish than yellowish and equipped with all the benefits of this versatile ink system:
See for youself:

Advantages

Outstanding ink flow easy processing.
Very high mechanical chemical fill goods and dishwasher resistance.
Highest efficiency thanks to fast printing speeds
Wide substrate range



Product properties

Ink system: solvent-based, 2-component
Drying: fast
Degree of gloss : glossy

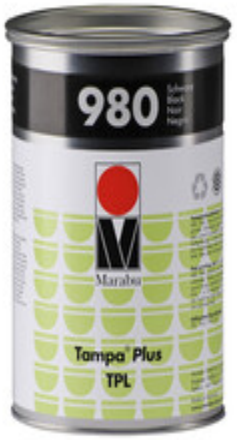
Substrates

Glass & Ceramics	Thermosetting plastics
Metals	Anodised aluminium
Coated substrates	Chrome-plated parts

Tampa® Plus TPL

TampaPlus is a very fast drying and resistant pad printing ink, versatile and easy to use. Ideally suited for industrial pad printing, e.g. on operating elements, housings of all kinds etc., but also for the field of toys and promotional items.

Advantages



Lowest PAH-values and formulated without use of aromatic solvents
Very fast 1 or 2-component ink
Resistant to alcohol and petrol
Very good printability
Universal use

Product properties

Ink system:	solvent-based, 1- or 2-component
Drying:	very fast
Degree of gloss :	glossy

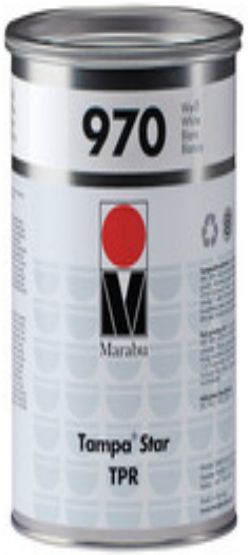
Substrates

ABS
Acrylic glass (PMMA)
Metals
Paper, corrugated paper
Polystyrene (PS)
Polyurethane, rigid
PVC, rigid
PVC, soft
Polyacetate (POM)
Polyamide (PA)
Polycarbonate (PC)
Polyester (PETG, PETA)

Tampa® Star TPR

With its particularly high resistance, TampaStar TPR can be used for products subject to high mechanical stress and the effects of hand perspiration or cleaning agents.

Advantages



Solvent-based, glossy 1- or 2-component ink
Fast curing and universal application possibilities
Very good chemical and mechanical resistances

Product properties

Ink system:	solvent-based, 1- or 2-component
Drying:	fast
Degree of gloss :	glossy

Substrates

ABS
Acrylic glass (PMMA)
Anodised aluminium
Coated substrates
Polystyrene (PS)
PVC, rigid
PVC, soft
Thermosetting plastics
Paper, corrugated paper
Polyacetate (POM)
Polyamide (PA)
Polycarbonate (PC)
Wood

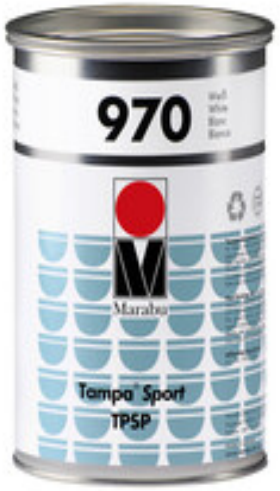
Tampa® Sport TPSP

2-component pad printing ink for natural or synthetic fibres with very good adhesion, wash resistance, and exceptionally high flexibility.

TampaSport TPSP is perfectly suited for the print on sportswear, especially as substitute for sew-in or transfer labels, and shoes.

Advantages

Highly flexible ink film for full wearing comfort
Very good resistance to washing and ironing
Easy processing for process safety and efficiency



Product properties

Ink system:	solvent-based, 2-component
Drying:	medium
Degree of gloss :	satin gloss

Substrates

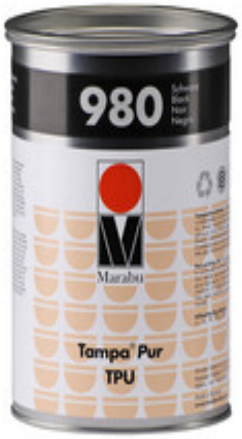
Textiles, cotton
Textiles, synthetics
EVA coated / uncoated
Boost

Tampa® Pur TPU

A high-gloss, quick-curing two-component ink with outstanding mechanical and chemical resistance and excellent adhesion on critical materials.

Advantages

Solvent-based, high gloss 2-component ink
Especially suited for critical substrates
Extremely good chemical and mechanical resistances



Product properties

Ink system:	solvent-based, 2-component
Drying:	fast
Degree of gloss :	high gloss

Substrates

Glass & Ceramics
Metals
Polyacetate (POM)
Polyamide (PA)
Textiles, cotton
Polyester (PETG, PETA)
Polyethylene (PE), pre-treated
Polypropylen (PP), pre-treated
Polyurethane, rigid

Tampa® Tex TPX

2-component pad printing ink for a large number of substrates including sensitive applications and textiles (pioneering substitute for sew-in or transfer labels).

TampaTex TPX is certified according to ECO PASSPORT by OEKO-TEX® and suited for use on products with indirect food contact according to EuPIA GMP.

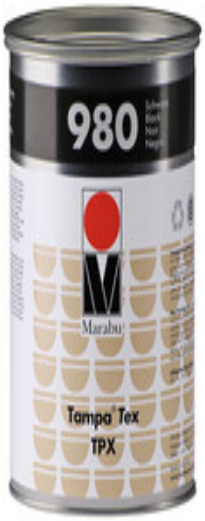
Formulation with carefully selected raw materials:

All used ingredients are listed in the Swiss “Verordnung des EDI über Bedarfsgegenstände” (SR 817.023.21)

Corresponding to the "Nestlé Guidance Note on Packaging Inks"
Pigments corresponding to "Resolution AP (89)1"
No use of Bisphenol A (BPA)

Produced in accordance with the requirements for indirect food contact of the “EuPIA-GMP”

Advantages



Exceptionally large variety of substrates
High opacity on coloured and dark textiles
Flexible ink film for full wearing comfort
For baby articles such as drinking bottles, soothers, teething rings
Easy processing for process safety and efficiency

Product properties

Ink system:	solvent-based, 2-component
Drying:	medium
Degree of gloss :	satin gloss

Substrates

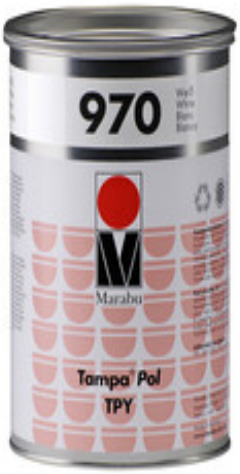
ABS
Acrylic glass (PMMA)
Anodised aluminium
Coated substrates
Polyester (PETG, PETA)
Polyethylene (PE), pre-treated
Polypropylen (PP), pre-treated
Polystyrene (PS)
Textiles, cotton
Textiles, synthetics
Thermoplastic Elastomers (TPE)
Wood

Glass
Leather
Polyamide (PA)
Polyester
Polyurethane, rigid
PVC, rigid
PVC, soft
SAN

Tampa® Pol TPY

TampaPol TPY is a glossy, quick-drying pad printing ink with good resistance to many chemicals such as oils, greases, alcohol. To further raise surface stability and other properties, TPY can also be used as a 2-component ink.

Advantages



Solvent-based, glossy 1- or 2-component ink
Very good chemical resistance
Fast curing and universal application possibilities

Product properties

Ink system:	solvent-based, 1- or 2-component
Drying:	fast
Degree of gloss :	glossy

Substrates

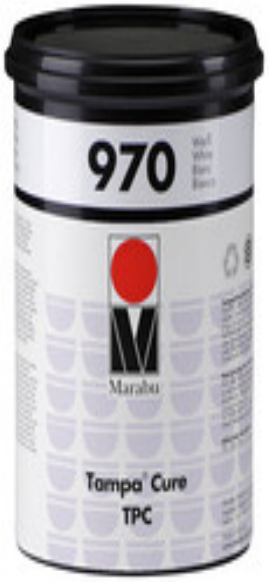
ABS
Metals
Paper, corrugated paper
Wood
Coated substrates
Thermosetting plastics
Polyamide (PA)
Polyethylene (PE), pre-treated
Polypropylen (PP), pre-treated
PVC, rigid

UV-curable Pad Printing Inks

Tampa® Cure TPC

TampaCure TPC is a UV-curable pad printing ink with a versatile application and easy processing characteristics. Particularly suited for the decoration of products which are immediately to be post-processed and require excellent mechanical and chemical resistances.

Advantages



UV-curable pad printing ink, no pot life limit
Ideally suited for immediate post-processing
High gloss, highly resistant and versatile

Product properties

Ink system:	UV-curable
Curing:	fast
Degree of gloss :	high gloss

Substrates

ABS
Acrylic glass (PMMA)
Coated substrates
Metals
Polystyrene (PS)
PVC, rigid
Polyamide (PA)
Polycarbonate (PC)
Polyethylene (PE), pre-treated
Polypropylen (PP), pre-treated

Water-based Pad Printing Inks

Water-based:

Maqua® Color MAC

The ten water-based color concentrates of MaquaColor MAC are designed for mixing with water-based ink systems such as MaquaCoat MAF.
The concentrates are added either manually or by dispenser and open up virtually unlimited, reproducible colour mixtures. They are only suitable for mixing and must not be used pure.

Advantages
Water-based system: Virtually odourless, high safety at work
Perfect for sensitive applications in line with DIN EN 71/3
Lowest PAH and VOC values
Made without the use of BPA/BPS
Easy processing
For durable and long-lasting surfaces

Product properties
Ink system: water-based

Substrates

PVC, rigid .
Wood.
Styrofoam.
Polyester.
Thermoplastic Elastomers (TPE) .
Bio-Polymers.
Cork .

Maqua® Coat MAF

MaquaCoat MAF is a water-based spray and brush paint for sensitive applications such as the decoration of toys.
By combining the two MAF basic shades 170 White and 904 Special Binder with the color concentrates of MaquaColor MAC, almost countless colour mixtures can be achieved.

Advantages

Water-based system: Virtually odourless, high safety at work
Perfect for sensitive applications in line with DIN EN 71/3
Lowest PAH and VOC values
Made without the use of BPA/BPS
Easy processing
For durable and long-lasting surfaces

Product properties

Ink system:	water-based
Drying:	very fast
Degree of gloss :	satin gloss

Substrates

PVC, rigid .
Wood .
Styrofoam.
Polyester.
Thermoplastic Elastomers (TPE).
Bio-Polymers.
Cork .

Maqua® Pad MAP

MaquaPad MAP is the world's first water-based pad printing ink and especially suited for textiles and toys.
It meets all the requirements not only of the toy, but also of the textile industry and offers high safety standards for both, manufacturer and consumer.

Advantages

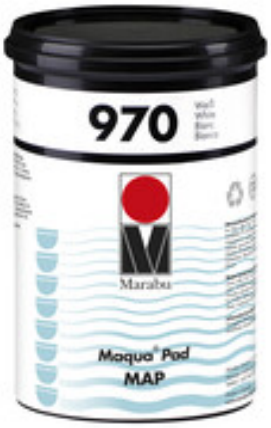
Water-based ink system: Nearly odourless, very low VOC values, low level of solvent contamination, less work safety measures required
Tampacolor colour range: Satin gloss and high-opaque shades, PANTONE®, HKS®, and RAL mixing formulas

For textiles:

With the addition of hardener perfectly suited for the print onto synthetic and natural fabrics
A fast, economical, and wearer-friendly alternative to transfer and sew-in lables (tagless printing)
Very flexible, no "cracking" of the ink film, passes all industrial wash tests
Long pot life (48 h)

For sensitive applications:

Suitable for applications according to the directive 2009/48/EG („Toys directive DIN EN 71/3“), lowest PAH values, made without the use of BPA/BPS
Highly resistant for robust and durable toy surfaces
1-component processing, no pot life, no ink residuals



Product properties

Ink system:	water-based
Drying:	medium
Degree of gloss :	satin gloss
Opacity:	high
Outdoor resistance:	medium

Substrates

Wood
ABS
PVC, rigid
Polycarbonate (PC)
Textiles, cotton
Polypropylen (PP), pre-treated
Coated substrates
Polystyrene (PS)
Textiles, synthetics