



Coates Screen

Product Data Sheet

PAD PRINTING INKS TP/PP-NT

APPLICATION

For printing onto untreated polypropylene. Due to various degrees of polymerisation as well as contents and fillers the substrate polypropylene shows an undefined printability. Therefore printing tests in production conditions are absolutely necessary.

PROPERTIES AND PROCESSING

TP/PP-NT inks are processed as 1-component pad printing inks. They result in a semi-gloss finish.

TP/PP inks are not resistant to hand sweat and are therefore not suitable for printing onto writing utensils etc.

COLOUR SHADES

The colour shades of the TP/PP-NT range show heavy metal free pigmentation and correspond to EN 71, part 3, safety of toys, migration of certain elements.

ADJUSTMENT FOR PAD PRINTING

TP/PP inks are processed as 1-component system. They are adjusted to printing consistency with approx. 10-20% Additive A. For retardation use TPD.

DRYING

The system is air drying. Drying time is about 2-3 minutes at room temperature. Heat application will reduce drying time to a few seconds.

CLEANING

For cleaning of stencils and tools our thinner VD 40 or Cliché Spray can be used.

PACKING

Pad printing inks TP/PP-NT are available in 1 liter cans.

SHELF LIFE

For information regarding shelf life please see tin label.

CLASSIFICATION

Read material safety data sheets prior to processing.

The material safety data sheets according to Regulation (EC) No 1907/2006 contain classification according to preparations directive (1999/45/EC) as well as instructions for precautions when processing, handling and storing as well as first aid.

The information given in the material safety data sheet refers to processing as described in this product data sheet.

**PROCESS COLOURS ACCORDING TO
EUROPE SCALE**

yellow	TP/PP 180-NT
magenta	TP/PP 181-NT
cyan	TP/PP 182-NT

**C-MIX 2000
BASE COLOURS**

primrose	TP/PP-Y30	violet	TP/PP-V50
golden yellow	TP/PP-Y50	blue	TP/PP-B50
orange	TP/PP-O50	green	TP/PP-G50
scarlet	TP/PP-R20	black	TP/PP-N50
red	TP/PP-R50	white	TP/PP-W50
magenta	TP/PP-M50	varnish	TP/PP-E50

The statements in our product and safety data sheets are based on our present experiences, however they are no assurance of product properties and do not justify a contractual legal relationship. They serve to advise our business associates, but it is absolutely necessary to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the job. - All former product data sheets are no longer valid. APRIL 2008 – VERSION No. 3

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