



Coates Screen

Product Data Sheet

SCREEN PRINTING INKS PP

APPLICATION

Screen printing inks PP are suitable for printing onto untreated polypropylene. Due to various degrees of polymerization as well as contents and fillers the substrate polypropylene shows an undefined printability. Therefore it is necessary to carry out printing tests in production conditions.

CHARACTERISTICS AND PROCESSING

1-component PP inks are adjusted to printing consistency using thinner YV or retarders VZ 25 or VZ 40. The system is air drying. Drying time is approx. 10-15 min. at room temperature. At higher temperatures drying time will be shorter.

Screen printing inks PP are not resistant to hand-sweat. Therefore application onto pens and the like is not recommended.

Drying time is approx. 10 – 15 minutes at room temperature. Heat application will reduce drying time accordingly.

PIGMENTS AND LIGHT FASTNESS

For mixing colour shades the formulation of the C-MIX-Book may be used as a guide.

The pigments contained show a light fastness of 7-8 according to the wool scale (DIN 16 525).

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

STENCILS

All commercial solvent resistant copy emulsions may be used.

PACKING

Screen printing inks PP are available in 1 and 5 liter containers.

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	PP 180		
magenta	PP 181		
cyan	PP 182		
C-MIX 2000 BASE COLOURS			
primrose	PP/Y30	violet	PP/V50
golden yellow	PP/Y50	blue	PP/B50
orange	PP/O50	green	PP/G50
scarlet	PP/R20	black	PP/N50
red	PP/R50	white	PP/W50
magenta	PP/M50	varnish	PP/E50
SPECIAL INKS			
adhesion promoter	PP	silver	PP 79
offset ground	PP 72	bronze binder	PP/B
rich pale gold	PP 76/AB		

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. 4

Coates Screen Inks GmbH
Wiederholdplatz 1 90451 Nürnberg
Phone: 0911 6422 0 Fax: 0911 6422 200
<http://www.coates.de>