



Coates Screen

Product Data Sheet

PAD PRINTING INKS TP 212-NT

APPLICATION

For duroplastics, glass, coated surfaces, metals and polyester. Various special adjustments have been developed for the semi-conductor industry (Ics).

PROPERTIES

TP 212-NT are oven curing pad printing inks, which show gloss, good opacity and weather resistance.

COLOUR SHADES

The colour shades of the TP 212-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

Pad printing inks TP 212-NT are adjusted to printing consistency with 15- 30% additive A. Use TPV as retarder.

DRYING

The following temperatures and drying times are required:

120°C (248°F) approx. 30-40 min.	140°C (284°F) approx. 20-30 min.
160°C (320°F) approx. 15-20 min.	180°C (356°F) approx. 10-15 min.

There will be no yellowing within above temperatures and drying times.

CLEANING

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

PACKING

TP 212-NT inks are available in 1 liter cans only.

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.

STANDARD SHADES

citric yellow	TP 212/10-NT	dark blue	TP 212/33-NT
medium yellow	TP 212/11-NT	light green	TP 212/40-NT
dark yellow	TP 212/12-NT	fir green	TP 212/41-NT
ochre yellow	TP 212/17-NT	brilliant green	TP 212/42-NT
bright red	TP 212/21-NT	light brown	TP 212/50-NT
pink	TP 212/25-NT	white	TP 212/60-NT
light blue	TP 212/30-NT	black	TP 212/65-NT
ultra blue	TP 212/32-NT	black, highly opaque	TP 212/65-HD-NT

Other colour shades can be manufactured subject to our special production regulation.

PROCESS COLOURS ACCORDING TO EUROPE SCALE

yellow	TP 212/180-NT
magenta	TP 212/181-NT
cyan	TP 212/182-NT

SPECIAL SHADES

transparent paste	TP 212/TP
bronze binder	TP 212/B
varnish	TP 212/70-NT

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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