



Coates Screen

Product Data Sheet

PAD PRINTING INKS TP 260-NT

APPLICATION

For duroplastics, glass, coated surfaces, metals and non-ferric metals, polyamide, polycarbonate, polyester, polymethacrylate, polyurethane and rigid PVC.

PROPERTIES

TP 260-NT inks are quick drying, glossy pad printing inks. They show resistance to many organic solvents, chemicals, diluted alkalines and acids. Resistance to mechanic abrasion is very good.

COLOUR SHADES

The colour shades of the TP 260-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 260-NT are mixed with hardener TP 219 prior to processing. Mixing ratios (parts by weight) should be:

2-3 parts ink : 1 part hardener TP 219.

The inks are adjusted to printing consistency with 15-30% additive A. For retardation use TPD.

The pot life of the mixed ink is approx. 6 hours. After this time adhesion and resistance might be reduced, even though the ink still seems liquid and processable.

DRYING

2-component pad printing inks TP 260-NT mixed with hardener TP 219 dry chemically/physically. At room temperature (20-25°C; 68-77°F) drying time is approx. 2 minutes.

Heat application and air circulation will reduce drying time to approx. 30-40 sec. Using a Leister-blower drying time will be a few seconds only.

Full mechanical and chemical resistance is achieved after 5-6 days curing time.

CLEANING

For cleaning of stencils and tools our universal cleaning agent URS can be used. Cleaning agent ZR will show better results with dried inks.

Screen Spray should not be used for 2-component inks as it has an adverse effect on the pot life.

PACKING

Pad Printing Inks TP 260-NT are available in 1 liter cans (approx. 1.06 qts.)

SHELF LIFE

For information regarding shelf life please see tin label.

MARKING

Read material safety data sheets prior to processing.

The material safety data sheets according to 91/155/EWG contain marking in compliance with the regulation on dangerous working materials 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 technical leaflet.

STANDARD SHADES

citric yellow	TP 260/10-NT	ultra marine	TP 260/32-NT
citriy yellow, highly opaque	TP 260/10-HD-NT	dark blue	TP 260/33-NT
medium yellow	TP 260/11-NT	turquoise	TP 260/34-NT
medium yellow, highly opaque	TP 260/11-HD-NT	violet	TP 260/37-NT
dark yellow	TP 260/12-NT	violet, highly opaque	TP 260/37-HD-NT
dark yellow, highly opaque	TP 260/12-HD-NT	light green	TP 260/40-NT
orange	TP 260/15-NT	light green, highly opaque	TP 260/40-HD-NT
orange, highly opaque	TP 260/15-HD-NT	fir green	TP 260/41-NT
ochre yellow	TP 260/17-NT	brilliant green	TP 260/42-NT
light red	TP 260/20-NT	light brown	TP 260/50-NT
light red, highly opaque	TP 260/20-HD-NT	dark brown	TP 260/51-NT
red bright	TP 260/21-NT	dark brown, mat	TP 260/51-MT-NT
red bright, highly opaque	TP 260/21-HD-NT	white	TP 260/60-NT
carmine red	TP 260/22-NT	white, highly opaque	TP 260/60-HD-NT
carmine red, highly opaque	TP 260/22-HD-NT	white, matt	TP 260/60-MT-NT
pink	TP 260/25-NT	black	TP 260/65-NT
light blue	TP 260/30-NT	black, highly opaque	TP 260/65-HD-NT
light blue, highly opaque	TP 260/30-HD-NT	black, mat	TP 260/65-MT-NT
medium blue	TP 260/31-NT		

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

PROCESS COLOURS ACCORDING TO EUROPE SCALE

yellow	TP 260/180-NT
magenta	TP 260/181-NT
cyan	TP 260/182-NT

C-MIX 2000 BASE COLOURS

primrose	TP 260/Y30	violet	TP 260/V50
golden yellow	TP 260/Y50	blue	TP 260/B50
orange	TP 260/O50	green	TP 260/G50
scarlet	TP 260/R20	white	TP 260/W50
red	TP 260/R50	black	TP 260/N50
magenta	TP 260/M50	varnish	TP 260/E50

The statements in our leaflets 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 leaflets are no longer valid. APRIL 2000 – VERSION NO. 1

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