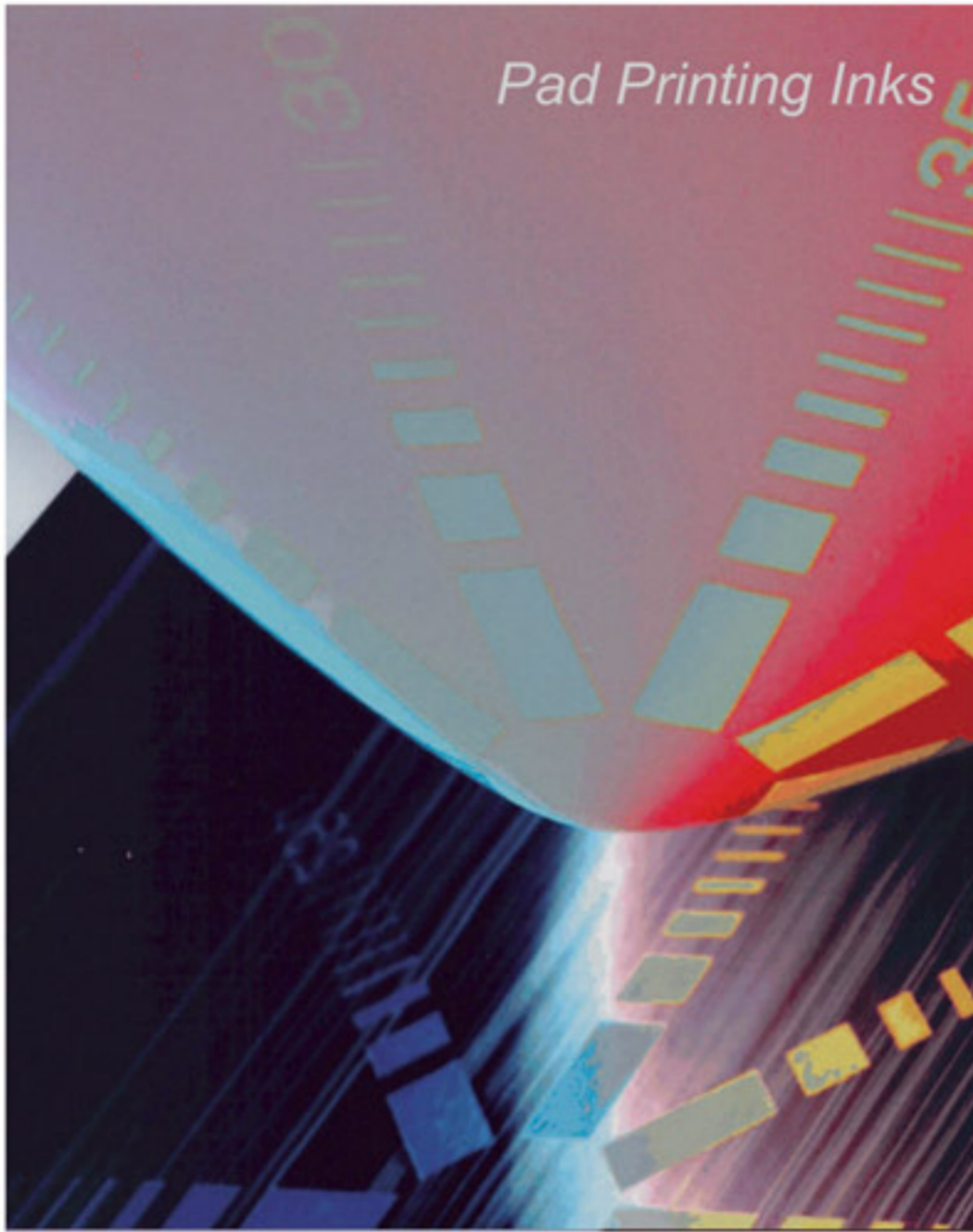


Printing Inks for Industrial Applications

*Pad Printing Inks*



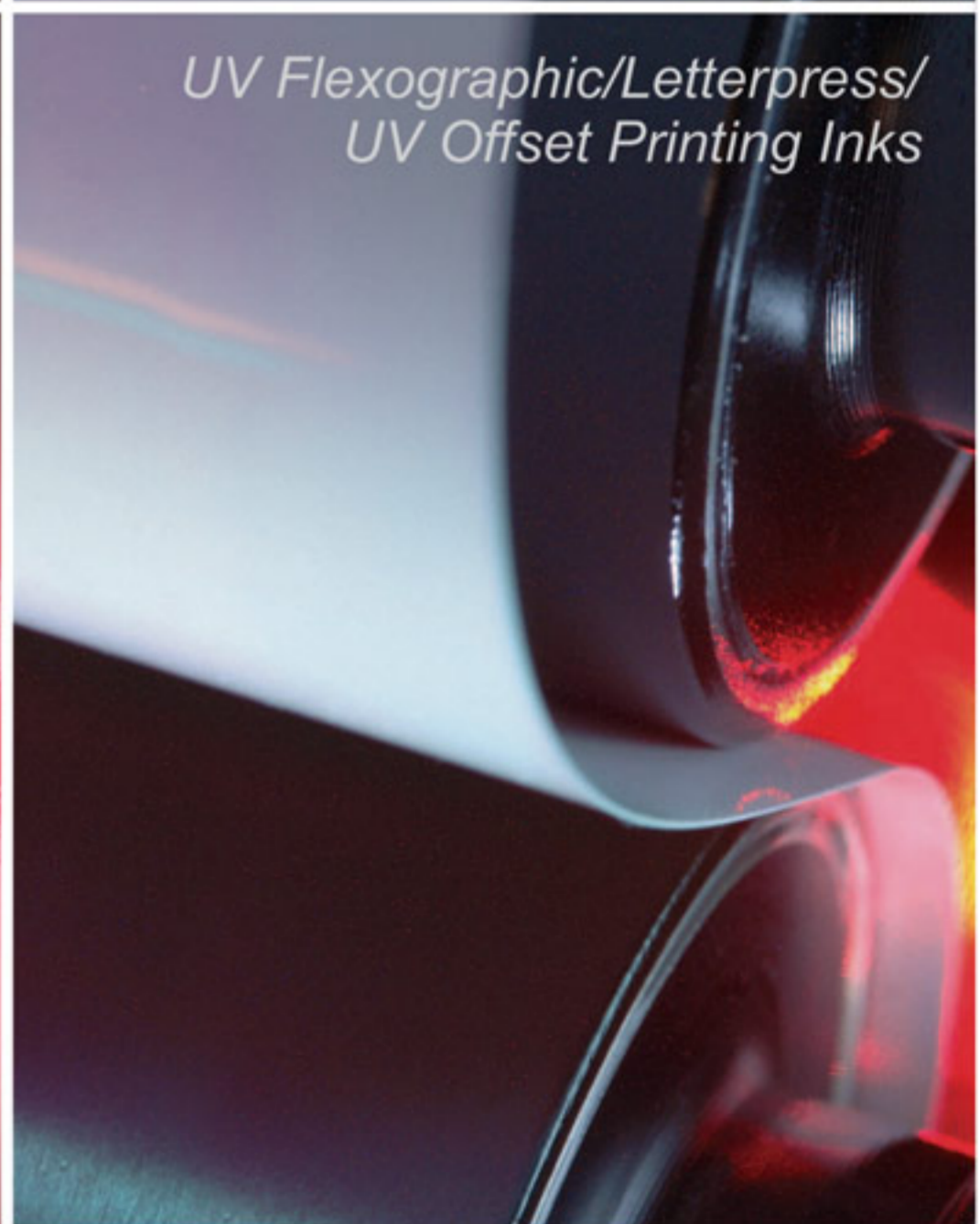
*UV Screen Printing Inks*



*Screen Printing Inks*



*UV Flexographic/Letterpress/  
UV Offset Printing Inks*





### 920UV

Plastic container of the packaging industry

- High-gloss, very reactive and thixotropic formulation
- Pretreated PE and PP, PVC and other plastics and cardboard

### 10KK

High grade products of the electrical, sports and automotive industries

- High-gloss with excellent mechanical and chemical resistance
- Two component screen printing inks
- Glass, acrylates, lacquered substrates, metal, thermosets, polyamide, polycarbonate, pretreated PE and PP, PU and rigid PVC

### 930UV

Glass and metal

- Glass, good resistance to chemical and cosmetic fill products, good dishwasher resistance
- UV-curing screen printing inks with dual-cure system
- Glass, ceramics, metal and thermosets

### 110ZS

Cosmetics Industry

- Glossy, good chemical and mechanical resistance
- One-component ink series
- Polystyrene and ABS

### 985UV

Labels, Packaging, plastic - containers

- High-gloss, very reactive, good resistance to solvents and water
- Pretreated PE, PP, PVC and other plastics, paper and card cardboard

### 400LM/G

Graphic industry

- High opacity, high elasticity of the ink film
- One-component ink, suitable for all commonly used flat-bed machines
- Suitable for paper, cardboard, rigid PVC, ABS, acrylates, polystyrene, polycarbonate and lacquered substrates

### 935UV

Cosmetics, flat glass and beverage industries

- Glassy, good resistance to chemical, alcoholic and cosmetic fill products, good dishwasher resistance
- UV-curing screen printing inks that do not require thermal post-treatment
- Glass, ceramics and metal
- Vodka and liquor bottles

### 110GE

Glass, ceramics, beverage and advertising industries

- Two component oven curing ink for glass and ceramics industry, just 2% hardener
- Extremely resistant to chemicals, alcohols, heat etc.
- Glossy, good chemical & mechanical resistance
- Can be used in pad printing
- Glass, ceramics, metal, thermosets

### 983UV

Labels, packaging, plastic - containers

- High-gloss, very reactive and thixotropic formulation
- Pretreated PE and PP, paper and cardboard

### 380DD

Products of the electrical, sports, automotive and cosmetics industries

- High-gloss with excellent mechanical and chemical resistance
- Two-component ink series
- ABS, lacquered substrates, metal, polyamide, polycarbonate, pretreated PE and PP, polyester and rigid PVC
- Used to print engine parts, batteries, crates, out side auto parts

### 950UV

Tubes

- High-gloss, highly reactive, high opacity and very flexible
- Pretreated PE, PP
- Lacquers-matt and glossy
- Foiling possible

### T01

Two component inks for high grade products of the electrical, sports and automotive industries

- High-gloss, excellent mechanical and chemical resistance
- Two-component pad printing inks
- Glass, acrylates, lacquered substrates, metal, thermosets, polyamide
- Polycarbonate, pretreated PE, PP, PU and rigid PVC



### T120

One or two component pad printing inks for rotary & conventional pad printing on pretreated PP, PE & polyester (PET)

- High gloss with good mechanical & chemical resistance
- High pigmentation provides excellent opacity
- Light & weather resistance
- Free from chlorinated compounds, cyclohexanone & aromatic solvents
- Very fast drying
- Excellent ink transfer

### T28

Tough two component pad printing or screen printing inks for Industrial applications

- High gloss with good mechanical & chemical resistance
- Excellent flexibility
- For glass, metal, Glass filled nylon & Thermoset plastics etc

### T40 Special Ink

EXTRA NON TOXIC ink toys, food, pharma and cosmetic industries

- High-gloss, free from cyclohexanones and aromatic compounds, suitable for high printing speeds
- One-or two-component pad printing inks
- ABS, acrylates, rigid PVC, pretreated PE and PP lacquered substrates, SAN, PA, PET, polycarbonate, polystyrene, paper and cardboard
- Made on, request of leading toy companies worldwide

### T38

Tough two component inks for high grade products of the electrical, sports, automotive and cosmetics industries

- High-gloss with excellent mechanical and chemical resistance
- Two-component pad printing inks
- ABS, lacquered substrates, metal, polyamide, polycarbonate, pretreated PE and PP, polyester and rigid PVC

### T30ST

T30 series is free from many restricted chemicals by some leading companies

- Halogen free for mobile phones, PC toys etc.
- Phthalate (plasticizers) free
- Cyclohexanone and aromatic hydrocarbons free
- Chlorine compounds free
- Green colour not available

### T200

Non toxic one or two component multipurpose ink for component for electrical, sports, automotive, cosmetic, household appliances & promotional items

- Excellent adhesion properties - very good mechanical & chemical resistance
- Very high flexibility & high gloss inks
- Very high opacity through special vibrant colours
- Fast drying
- Free from cyclohexanone, aromatic hydrocarbons & phthalates
- ABS, Acrylic glass, Rigid PVC, Pre treated polyolefines (PP & PE) Coated surfaces, SAN, Polyamide, PET, Polycarbonate, Polystyrene, Paper & carton
- Meeting 2014 REACH, ROHS etc norms

### T20

High grade products of the glass, electrical, sports, automotive industries

- High-gloss with excellent adhesion properties
- Two-component pad printing inks
- Glass, acrylates, lacquered substrates, metal, thermosets, polyamide, polycarbonate, pretreated PE, PP, PU and rigid PVC

### T95

UV pad printing inks for open and closed systems

- High — gloss with good mechanical and chemical resistance
- UV inks series for Pad Printing
- Pretreated PE and PP, ABS, lacquered surfaces, polycarbonate, polystyrene, Polyurethane, PET and PET-G

### T100 Rotary

Beverage Caps

- High-gloss with good mechanical and chemical resistance
- One or two component pad printing inks
- Pretreated PE and PP, ABS, acrylates, lacquered surfaces, polycarbonate, Polystyrene and PU

### T90 Rotary U.V.

UV pad printing inks

- High-gloss with good mechanical and chemical resistance
- UV ink series for pad printing
- ABS, rigid PVC, polystyrene, paper cardboard, polycarbonate, pretreated PE and PP, PET and PET-G



## Ink suitability data sheet

### Industrial Pad Printing Inks

### Industrial UV Printing Inks

### Industrial Screen Printing Inks

INKS TYPES:- SUBSTRATES	T-01	T-28	T-38	T-120	T-30 ST	T200	T-20	T-40	920 UV	930 UV	985 UV/UV	935 UV	950 UV	983 UV	10KK	110GK	400 LM/G	110GE
ABS	■	■		■	■	■		■	■		■		■				■	
ACRYLATE	■	■		■	■	■		■	■		■		■		■	■	■	
CELLULOSE ACETATE	■	■		■		■		■										
DUROPLAST	■	■		■			■			■					■	■		■
DELRIN	■	■													■			
GLASS	■	■		■	■		■			■		■			■	■		■
LACQUERED SUBSTRATE	■	■	■	■		■	■	■	■	■	■	■	■		■	■	■	■
METAL	■	■	■	■		■	■			■		■			■	■		■
PAPER, CARTON				■		■			■		■		■	■				
PET/PETG	■	■				■		■	■				■		■			
POLYAMIDE	■	■	■			■	■	■							■	■		■
POLYCARBO- NATE/LEXON	■	■	■	■		■		■			■		■		■	■	■	■
POLYESTER	■	■				■		■			■				■	■		
POLYOLEFIN (PE/PP)	■	■	■			■	■		■		■		■		■	■		■
POLYSTYRENE				■	■	■		■	■		■		■				■	
POLYURETHANE	■	■	■				■							■	■	■		■
PVC, HARD	■	■		■				■	■		■		■				■	
PVC, SOFT									■		■		■					
SAN	■	■		■	■	■		■										

■ With Hardener

■ Suitable

■ Single or two component

■ Limited Suitability

### IMPORTANT NOTE :-

- (1) All RUCO screen printing inks are free from heavy metal pigments and are in compliance with the en71, part 3.
- (2) Besides the standard ink series, we have a number of special inks and lacquers for specific applications.
- (3) As pantone licensee RUCO has developed many mixing formulae.
- (4) Separate catalogue for UV Flexographic/Letterpress/ UV offset Printing Inks is available on requirement.
- (5) As materials and chemistry of substrates may vary, we request you to pre-check the inks for suitability. Our lab can also do these trials.

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