#### Technical Data Sheet ROTOGRAVURE INKS **Reverse and surface printing Midarun**<sup>®</sup> **RL-Series**



# Description

Solvent-based inks designed for excellent printing properties on various materials, Available for lamination printing applications. This ink system offers excellent color strength, printability and press room friendliness.

### Substrates

- PP, PE, OPP, Pearlised BOPP
- PVC
- Aluminum Foil
- Metalized polyester

Note: all subsrates should be treated to minimum of 38 dynes/cm for good adhesion and optimum resistance properties

# **Application Fields**

Food and nonfood packaging with lamination printing

# PRODUCT KEY FEATURES

- High color strength
- Good gloss
- Heat resistance (180 °C)
- High quality tonal and fine line printing
- Excellent process printing properties
- Block resistance
- good adhesion to polyolefin materials
- Cost effective
- High bond strength suitable for film to film
- Complete range of standard and specialty colours available upon request

# **Auxiliaries**

- Thinner Ethyl acetate
- Retarder Methoxy Propanol
- Extender varnish

RL-20 Regular extender varnish

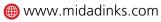
Adhesion promoting extender varnish RUL-20

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(Varnish To be added according to your color strength requirements and to refresh the ink)

MDS-RL/001

@Info@midadinks.com



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### **RANGE OF COLORS**

Available in a full range of standard and specialty colours.

Colors	Code	Adhesion	Scratch resistance	Viscosity (STD)
Magenta	RL-100	5	2	42-45Sec
Warm red	RL-101	5	2	37-40Sec
Orange	RL-200	5	2	55-60Sec
Yellow	RL-300	5	2	82-87Sec
Green	RL-400	5	2	85-90Sec
Cyan	RL-500	5	2	60-65Sec
Reflex Blue	RL-600	5	2	30-35Sec
Violet	RL-700	5	2	19-23Sec
Rodamin	RL-750	5	2	16-22Sec
Purple	RL-775	5	2	18-22Sec
Black	RL-800	5	2	30-35Sec
White	RL-900	5	2	25-28Sec
Gold	RL-950	5	2	90-95Sec
Ritch gold	RL-951	5	2	80-85Sec
Silver	RL-975	5	2	42-45Sec
Blue 072	RL-072	5	2	35-40Sec

#### Intense color RLDS-series

Colors	Code	Adhesion	Scratch resistance	Viscosity RL/DS
Magenta	RLDS-100	5	2	60-65Sec
Yellow	RLDS-300	5	2	90-95Sec
Cyan	RLDS-500	5	2	60-65Sec
Black	RLDS-800	5	2	30-35Sec
White	RLDS-900	5	2	27-30Sec

\*Viscosity by Din Cup-4 at 25° c

\*\*Scale 1: is poor - 5 Excellent

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# Remarks

- Recommended working temperature should be 25°c
- Recommended ink viscosity (on the print press)14-20 seconds/ Din cup-4

#### Additives

- Adhesion promoter 001(1-4%)
- Anti scratch additive002 (1-4%) for non lamination printing applications

### Storage

- Store in adry cool and well-ventilated area
- Keep away from heat and direct sunlight.
- Keep away from sources of ignition
- Opened containers must be carefully resealed and kept upright to prevent spill

# Packaging

- 15kg Pails
- 200 kg Iron drums

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