

ROTOGRAVURE INKS

Reverse and surface printing

Midarun® 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 substrates 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 |
| | RUL-20 Adhesion promoting extender varnish |
- (Varnish To be added according to your color strength requirements and to refresh the ink)

MDS-RL/001 **1/1/2025**

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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 additive 002 (1-4%) for non lamination printing applications

Storage

- Store in a dry, 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