

MIDAXO[®] RL-Series

ROTOGRAVURE INKS

Reverse and surface printing

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)

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

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RANGE OF COLORS

Available in a full range of standard and specialty colours.

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

Intense color RLDS-series

Description	Product Code	Adhesion	Scratch resistance	Viscosity (sec)
Magenta	RLDS-100	5	2	60-65 Sec
Yellow	RLDS-300	5	2	90-95 Sec
Cyan	RLDS-500	5	2	60-65 Sec
Black	RLDS-800	5	2	30-35 Sec
White	RLDS-900	5	2	27-30 Sec

*Viscosity by Din Cup-4 at 25° c

**Scale 1: is poor - 5 Excellent