FLEXOGRAPHIC INKS Reverse printing

Midaflex® FL-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, gloss, 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 optimun resistance properties

Application Fields

- Shopping bags
- Milk containers
- Detergent pags
- Chocolate and food wrappers
- All lamination printing applications

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
 Retarder
 Accelerator
 Ethyl alcohol
 Methoxy Propanol
 Ethyl acetate

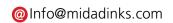
Extender varnish
 FL -40 Varnish (for Lamination applications)

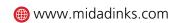
(To be added according to your color strength requirements and to refresh the ink)

MDS-FL/001

1/1/2025







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RANGE OF COLORS

Available in a full range of standard and specialty colours.

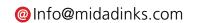
Colors	Code	Adhesion	Scratch resistance	Viscosity (STD)
Magenta	FL-100	5	2	55-60 Sec
Warm red	FL-101	5	2	35-40 Sec
Orange	FL-200	5	2	55-60 Sec
Yellow	FL-300	5	2	85-90 Sec
Green	FL-400	5	2	85-90 Sec
Cyan	FL-500	5	2	33-37 Sec
Reflex Blue	FL-600	5	2	35-40 Sec
Violet	FL-700	5	2	25-30 Sec
Rodamin	FL-750	5	2	18-20 Sec
Purple	FL-775	5	2	18-20 Sec
Black	FL-800	5	2	32-37 Sec
White	FL-900	5	2	45-50 Sec
Gold	FL-950	5	2	105 Sec
Ritch gold	FL-951	5	2	85-90 Sec
Silver	FL-975	5	2	30-35 Sec
Blue 072	FL-072	5	2	35-40 Sec

Intense color (FLDS series)

Colors	Code	Adhesion	Scratch resistance	Viscosity RL/DS
Magenta	FLDS-100	5	2	65-70 Sec
Yellow	FLDS-300	5	2	90-100 Sec
Cyan	FLDS-500	5	2	65-70 Sec
Black	FLDS-800	5	2	36 Sec
White	FLDS-900	5	2	55 Sec

MFL-RL/001 1





^{*}Viscosity by Din Cup-4 at 25° c

^{**}Scale 1: is poor - 5 Excellent

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Remarks

- Anilox selection is very important to achieve a good print quality
- Recommended working temperature should be 25 °C
- Recommended ink viscosity (on the print press)16-22seconds/ Din cup-4

Additives

Adhesion promoter 001 (1-4%)

Storage

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

Packaging

- 15kg Pails
- 200 kg Iron drums