

# MIDAXO<sup>®</sup> FL-Series

## FLEXOGRAPHIC INKS

### Reverse 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, gloss, printability and press room friendliness.

#### *Substrates*

- PP, PE, OPP, Pearlisid 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*

- 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 speciality colours available upon request

#### *Auxiliaries*

- Thinner Ethyl alcohol
- Retarder Methoxy Propanol
- Accelerator Ethyl acetate
- Extender varnish FL -40 Varnish (for Lamination applications)  
(To be added according to your color strength requirements and to refresh the ink)

#### *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) 16-22 seconds / Din cup-4

#### *Additives*

- Adhesion promoter 001 (1-4%)

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

#### Intense color RLDS-series

Description	Product Code	Adhesion	Scratch resistance	Viscosity (sec)
<b>Magenta</b>	FLDS-100	5	2	65-70 Sec
<b>Yellow</b>	FLDS-300	5	2	90-100 Sec
<b>Cyan</b>	FLDS-500	5	2	65-70 Sec
<b>Black</b>	FLDS-800	5	2	36 Sec
<b>White</b>	FLDS-900	5	2	55 Sec

\*Viscosity by Din Cup-4 at 25° c

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