

# Technical Data Sheet

## FL-LAMIFLEKS

“Lamifleks is a serie formulated for surface printings with good rub and scratch resistance.”

Flekso

### PRINTING METHOD:

- Flexo

### CHARACTERISTICS:

- Perfect printing ability
- Perfect adhesion and flexibility
- High rub and scratch resistance

### PRINTING MATERIAL:

- Polypropylene (OPP, BOPP, COEX)
- Polyethylene (LD-PE, HD-PE)
- Paper, board and aluminum

(For polypropylene and polyethylene materials surface tension must be minimum 38 Mn/m)

### THINNING:

- Ethylalcohol %80
- Ethylacetate %20

After thinning ink for printing viscosity (18-22 sn DIN CUP 4) if the color strength is stil high FL0004 varnish should be used for color adjustion.

### RETARDING:

- Ethoxypropanol or methoxypropanol

### VARNISH:

- FL0004

### LAMINATION:

LAMIFLEKS inks are specially formulated for surface print jobs. It is not suitable for lamination.

### SURFACE PRINT JOBS:

In order to increase the rubbing and scratching resistance, %3-%6 addition of KT 0002 can be added.

### PHYSICAL PROPERTIES:

- Production Viscosity: 30-35 sec ( 25°C / Din Cup 4 )
- Print Viscosity : 18-22 sec ( 25°C / Din Cup 4 )
- Adhesion : Min 4
- Elasticity : Min 4
- Scratch Resistance : Min 5
- Heat resistance : 140-150 °C
- Desiccation : 30-40 sec ( 25°C )
- (1) Weak, (5) strong

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### SHELF LIFE:

- For sealed buckets at room temperature shelf life is 1 year.

CODE	COLOR	LIGHT FASTNESS (Full)	LIGHT FASTNESS (Tint)
FL 0004	VARNISH	-	-
FL 0700	SILVER	7	7
FL 0718	MAT VARNISH	-	-
FL 0851	GOLD	3-4	2-3
FL 1202	PROCESS YELLOW	4-5	3-4
FL 2021	ORANGE	3-4	2-3
FL 2201	ORANGE	3-4	2-3
FL 3122	WARM RED	3	1-2
FL 3321	RED	3	1-2
FL 3032	RED (P.032C)	3	1-2
FL 3076	RED (BİM)	3	1-2
FL 3385	RED (P.185 C)	3	1-2
FL 3202	PROCESS MAGENTA	4-5	3-4
FL 3503	RUBIN RED	4-5	3-4
FL 3251	RHODAMINE	3-4	2-3
FL 4051	VIOLET	3-4	2-3
FL 4951	PURPLE	3	1-2
FL 5202	PROCESS BLUE	7-8	6-7
FL 5051	REFLEX BLUE	3-4	2-3
FL 5072	DARK BLUE 072.C	3-4	2-3
FL 5138	DARK BLUE	3-4	2-3
FL 6316	GREEN-C	8	7-6
FL 6317	GREEN	5	4
FL 8202	PROCESS BLACK	8	8
FL 8012	MAT BLACK	8	8
FL 8022	KUZGUNİ BLACK	8	8
FL 9212	WHITE	7-8	7-8

(1) lowest, (8) highest (Light Fastness values are defined as Blue Wool scale)



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For further information;

**+90 (212) 617 12 41**

[www.bm-color.com](http://www.bm-color.com)



Address : Kadir Akdogan Cad. No:12 Kucukkoy 34255 Gaziosmanpasa - Istanbul / Turkey  
Phone : +90 (212) 617 12 41 Fax : +90 (212) 618 22 19 E-Mail : info@bm-color.com

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