



ADX726 Ink Series Printing ink grade for Flexography

1- Field Of Application

- a. For surface and lamination printing, varnished aluminum.
- b. Suitable for food packaging.

2- Printing Techniques:

Flexo

3- Printing Substrate:

Varnished Aluminum.
Coated Aluminum.
BOPP.
Polyester.
Polyamide. Only with on-line corona treatment.
Coextruded polypropylene necessitate the use of 4 – 6%, adhesion promoter in order to have sufficient adhesion .

4-Main Properties:

- a. Excellent gloss.
- b. Excellent print qualities.
- c. Excellent heat resistance ≥ 170 °C
- d. Very good adhesion properties.
- e. Very fast drying properties – suitable for speeds higher than 180 m/min.
- f. Suitable for both surface and lamination printing.
- g. Good flexible properties.
- h. Excellent color strength with high pigmentation
- i. Excellent fineness ≤ 2 microns.
- j. Low odor and solvent retention.

5-Lightfastness

	White	Yellow	Cyan	Magenta	Black
Full tone	7	5	7	5	7
Half tone	6	4	6	4	6

6-Solid content:

White	48 ± 2%
Colours	32 ± 2%

7-Printing Condition:

Use Ethanol / Ethyl acetate mixture to thin down to printing viscosity in the ratio of 4 or 5:1.
... As a retarder use Methoxy Propanol in small quantities.
Thinning Agent: Ethanol / Ethyl Acetate, the proportion of which should be Decided by the printer according to the speed of drying Required.
Extender: Only use extenders recommended by the manufacturer.
Retarder: Methoxy Propanol.

8- Storage:

If ink is stored in good conditions, a twelve month period can be guaranteed.