



VINPACK INK

VINPACK INK Series is solvent base gravure reverse printing ink system, designed to achieve good lamination bond strength when reverse printed on treated Polyester films and then adhesive laminated to the secondary web. These inks have good printability, low solvent retention, good wettability with adhesives and can be printed at high printing speed.

Addition of BOPP additive is required for printing on BOPP

Application Characteristics:

Printing Process : Gravure, Reverse printing

Recommended Substrate : PET (Plain, Corona & Chemically coated PET) & Treated BOPP* (*with BOPP Additive)
(Minimum treatment level: 38 Dynes/cm)

Manufacturing Specifications	
Supply Viscosity	20 - 60 seconds @27 °C in Ford Cup B4
Printing Viscosity	18 - 21 seconds @27°C in Ford Cup B4
Specific Gravity	0.900 to 1.100
Dry content	14 - 40%
Adhesion	Good
Blocking Resistance	Good

General Specifications	
Color	Standard colors available, Specific colors on request
Lamination	Suitable for Lamination
ARSR	As per shade/ Contact our representative for details
Light Fastness	As per shade/ Contact our representative for details
Heat Resistance	As per shade/ Contact our representative for details
Shelf Life	6 - 12 months depending upon the colors** (In unopened containers)

**Colors - 12 Months, White/Gold/Silver/Metallic Inks – 6 Months

Reducer Recommendations:

Normal drying : Toluene /Ethyl Acetate = 50/50

Slow drying : Toluene/ Ethyl Acetate/MIBK*** = 50/40/10
*** care should be taken in the use of retarders as they may lead to odour or set-off.

Retarder : MIBK



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PRESS ADDITIVE (If required)	
Defoamer	GFAA-002 (Antifoam Additive) Recommended Dosage 1 to 3%
Antiblocking Additive	GTVA-001 (Vinpack Antiblocking Additive) Recommended Dosage 2 to 3 %
BOPP Additive	GTVA-002 (Vinpack BOPP Additive) Recommended Dosage 5 to 6 %

Cleaning:

Reducer solvent can be used for cleaning

Storage:

Should be stored in original drums in well-ventilated area at normal room temperatures. Avoid extended storage in sunlight and extreme climatic conditions

It is recommended to do the lamination after 12 - 24 Hrs of curing of print sample.

Please contact our technical team for any further information:

DISCLAIMER

The information provided in this data sheet is based on our knowledge and experience. There are many variables at laminators end which will influence the performance like the machine running parameters, operational conditions, various structures used and ambient conditions which are beyond our control. We advise our customers to make their own determination of suitability of this product for their application by making trials at their end. As such this information is offered in good faith but we cannot accept any liability.



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