



TECHNICAL DATA SHEET

GRAVURE HR PAP INKS

GRAVURE HR PAP INK Series is solvent base gravure surface printing ink system, designed for printing on coated and uncoated paper. These inks have good nail resistance, scuff resistance and high heat resistance. These inks are suitable for printing of UV & Solvent base over printing varnishes.

Application Characteristics:

Printing Process : Gravure, Surface printing

Recommended Substrate : Coated/ Uncoated Paper

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	15 - 40%
Adhesion	Good
Nail/ Scuff Resistance	Good
Blocking Resistance	Good
Heat Resistance ^{##}	180 °C (Pressure:3 bar, Dwell time: 1 Sec)

Tested under lab conditions

General Specifications	
Color	Standard colors available, Specific colors on request
Lamination	Not suitable for Lamination
ARSR	As per shade/ Contact our representative for details
Light Fastness	As per shade/ Contact our representative for details
Heat Resistance	Good
Shelf Life	6 - 12 months depending upon the colors** (In unopened containers)

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

#Bronze gold powder pigments are not recommended and are not stable in these inks.

Reducer Recommendations:

Normal drying : Ethyl Acetate/ IPA = 80/20

Slow drying : Ethyl Acetate/ IPA = 50/50

Retarder : Methoxy Propanol^{***}

^{***} care should be taken in the use of retarders as they may lead to odour or set-off.



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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

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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