



# TECHNICAL DATA SHEET

## GRAVURE HT FOIL INK

GRAVURE HT FOIL INK Series is toluene and ketone solvent free ink system designed for surface printing on foil and paper where high heat resistance is required. These inks exhibit transparent shades, excellent printability and low solvent retention at high press speeds.

These are low odour inks. HR Foil Primer (HR-8004) is recommended for unprimed foils to achieve good adhesion.

### Application Characteristics:

**Printing Process** : Gravure, Surface printing

**Recommended Substrate** : Paper, Aluminum foil and Blister Foil

Manufacturing Specifications	
Supply Viscosity	20 - 60 seconds @27 °C in Ford Cup B4
Printing Viscosity	18 - 22 seconds @27°C in Ford Cup B4
Specific Gravity	1 ± 0.1
Dry content	20 - 50%
Adhesion	Good
Blocking Resistance	Good

General Specifications	
Color	Standard colors available, Specific colors on request
Lamination	Not Suitable
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)
Extender	Gravure HT Foil Extender Medium
Heat Resistance <sup>##</sup>	Good up to 210 °C (Pigment base shades) Pressure – 4 Bar, Dwell time – 1 Sec

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

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

## Tested under lab conditions

### Reducer Recommendations:

Normal drying : Ethyl Acetate/ IPA = 80/20

Fast drying : Ethyl Acetate = 100

Retarder : Methoxy Propanol\*\*  
(\* care should be taken in the use of retarder as this 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.

**inkofix**

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