

Micro Temp Plus

Solvent Based Printing Inks for Flexible Packaging

Description

For Surface printed application for high heat resistance ink suitable for surface printing aluminium foil. NC based surface printing application for high heat resistance requirement, suitable for surface printing aluminium foil.

Application

Pharmaceutical
Paper bags
Chocolate and food wrapper
Laminate pouches (coated polyester only)

Print Process

Gravure & Flexo

Print Substrate

Blister foil, Normal foil, Chromo paper, Glassine, Metallized paper, CC PET

Key Product Feature

Excellent printability and re-solubility
High color strength
High heat resistance property (220°C)
Excellent scuff resistance
Suitable for speed from 50 M/M to 350 M/M

Properties

Ink adhesion	5
Heat Resistance	180 — 220 * C
Gloss	4
Light fastness	2 — 7
Water Resistance	3
Deep Freeze Resistance	4
Vegitable Oil Resistance	3
Lamination bonds	NA

Rating Scale

1=lowest, 5=best value

Note

All resistance properties are guideline only, and dependent on pigment selection, tone to tone (half tone & full tone), print quality and substrate to substrate. All resistance properties / LF are guideline only, and dependent on pigment selection, tone to tone (half tone & full tone), print quality and substrate to substrate.

Print Viscosity	FLEXOGRAPHIC	GRAVURE
Viscosity (In sec by B-4 cup @ 30* C)	25 — 35	15 — 20
Diluent		
Slow	Ethyl Alcohol / n-Propyl Acetate — 3/1	
Normal	Ethyl Alcohol/Methoxy propanol — 4/1	Ethyl Alcohol/Ethyl Acetate — 1/1
Fast	**	Ethyl Alcohol/Ethyl Acetate — 1/3
Retarder	Ethoxy Propanol or Methoxy Propanol	Ethoxy Propanol or Methoxy
Propanol		

Remark

Health and safety

Read the Health and Safety guidelines before using these products. The user is responsible for all local legislation requirement and packaging conditions.

Ink Handling

Please refer to general guidelines for handling inks for flexible packaging