



Gecko® Frontal Uni Matt Lacquer

Solvent based printing inks for flexible packaging

High end surface printing

Description

Based on Gecko Frontal Uni series technology, this nitrocellulose based matt lacquer offer excellent mechanical resistance properties. It is designed for surface printed applications on flexible films in combination with Gecko Frontal whites and colours.

Applications

Flexible packaging printed on polyethylene, chemically treated polyester and polypropylene films, when a combination of high mechanical resistance and matting effect is required.

Print process

Surface print Flexographic and Rotogravure.

Properties

Ink adhesion	5	Water resistance	5
Rub resistance	5	Deep freeze resistance	5
Anti-scratch	5	Vegetable oil resistance	5
Heat resistance	160 °C - 180 °C	C.O.F. (dynamic)	0.25 - 0.35
Gloss	matt	Light fastness (BWS)	n/a

Rating scale (1 to 5 based on Gecko product range) 1 = worst value, 5 = best value

Note: all resistance properties are a guideline only and dependant on final application.

substrates	LDPE	HDPE	Coex OPP	CPP	Acrylic OPP	Chem PET
secondary web	n/a	n/a	n/a	n/a	n/a	n/a

Print viscosity

Diluents	Flexographic 20 - 25 sec. DIN 4		Gravure 15 - 20 sec. DIN 4	
Slow	N-Propanol/N-Propylacetate	9:1	N-Propanol/N-Propylacetate	3:1
Standard	Ethanol/Ethylacetate	9:1	Ethanol/Ethylacetate	3:1
Fast			Ethanol/Ethylacetate	1:1
Retarder	Ethoxy Propanol		Ethoxy Propanol	

Auxiliaries

Additives Diluents and retarder see above. In general use of additives is not needed.

Health & Safety

The material safety data sheets contain all relevant information for the generation of appropriate internal plant instructions. The user is responsible for all local legislation requirements. Regarding food packaging applications see the „Declaration of Conformity“.

Ink Handling

Please refer to General Guidelines for handling inks for flexible packaging.

Contact addresses for advice and further information can be found under www.hubergroup.de

This Technical information sheet reflects the current state of our knowledge. It is designed to inform and advice. We assume no liability for correctness. Modifications may be made in the interest of technical improvement.