



Gecko® Frontal Uni High Gloss White



Solvent based printing inks for flexible packaging
77 GU 282892

Description

A high gloss white based on Gecko Frontal Uni with high gloss properties for surface printed applications on flexible films, supplied as finished products.

Applications

Flexible packaging for food, bottle labels, carrier bags and beverage products printed on polyethylene, chemically treated polyester and polypropylene films.

Print Process

Surface print Flexographic and Rotogravure.

Properties

Ink adhesion	5	Water resistance	4
Rub resistance	5	Deep freeze resistance	4
Anti-scratch	4	Vegetable oil resistance	4
Heat resistance	160 °C - 180 °C	C.O.F. (dynamic)	0.25 - 0.35
Gloss	5	Lamination bond	n/a
Light fastness (BWS)	n/a	Lamination heat seal bond	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. Propyl Acetate	9:1	N. Propanol/N. Propyl Acetate	3:1
Standard	Ethanol/Ethyl Acetate	9:1	Ethanol/Ethyl Acetate	3:1
Fast			Ethanol/Ethyl Acetate	1:1
Retarder	Ethoxy Propanol		Ethoxy Propanol	

Auxiliaries

Additives In general use of additives is not needed. For special modification of properties please contact your local service center.

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 advise. We assume no liability for correctness. Modifications may be made in the interest of technical improvement.