Technical information

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Gecko® High Gloss Lacquer

Solvent based printing inks for flexible packaging
50 GL 131849

Description

A solvent based lacquer formulated to offer exceptionally high gloss when printed on paper and flexible films in combination with Gecko Frontal whites and colours.

Applications

Flexible packaging for food, bottle labels, carrier bags and beverage products printed on paper, polyethylene, chemically treated polyester and polypropylene films when very high gloss is required.

Print Process

Surface print Rotogravure.

Properties

Ink adhesion	5	Water resistance	5
Rub resistance	5	Deep freeze resistance	5
Anti-scratch	4	Vegetable oil resistance	5
Heat resistance	160 °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	Paper	LDPE	HDPE	Coex OPP	Chem PET
Secondary Web	n/a	n/a	n/a	n/a	n/a

Print viscosity

Diluents	**Flexographic** n/a	**Gravure** 15 - 20 sec. DIN 4	
Slow		N. Propanol/N. Propyl Acetate	3:1
Standard		Ethanol/Ethyl Acetate	3:1
Fast		Ethanol/Ethyl Acetate	1:1
Retarder		MOPAC	

Auxiliaries

Additives In general use of additives is not needed. If the lacquer is printed directly on the film the use of an adhesion promoter may be required.

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.