



## Gecko® Single Component White

Solvent based printing inks for flexible packaging

**White for enhanced adhesion on films with critical surface properties**

77 GW 289221



### Description

A single component white offering excellent adhesion on films with critical surface properties (such as low surface tension, i.e. < 38 mN).

### Applications

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

### Print Process

Surface print Flexographic and Rotogravure.

### Properties

Ink adhesion	5	Water resistance	5
Rub resistance	5	Deep freeze resistance	5
Anti-scratch	4	Vegetable oil resistance	4
Heat resistance	120 °C	C.O.F. (dynamic)	0.25 - 0.35
Gloss	5	Lamination bond	n/a
Light fastness (BWS)	n/a	Lamination heatseal 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	Chem PET
Secondary Web	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.

**Note** For critical films it is highly recommended to test adhesion properties on the specific substrate prior to print production.

### 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](http://www.hubergroup.de)

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