



## Gecko® Heat Resistant Gloss Lacquer

Water-based dispersion lacquer for papers and boards  
70 GD 246643



### Description

A water-based dispersion lacquer designed for over-printing of Gecko Frontal ink systems for paper packaging and folding boards.

### Applications

Semi-rigid packaging for food, beverages and cigarette boxes.

### Print Process

Surface print Flexographic and Rotogravure.

### Properties

Ink adhesion	5	Water resistance	n/a
Rub resistance	4	Deep freeze resistance	n/a
Anti-scratch	4	Vegetable oil resistance	n/a
Heat resistance	180 °C	C.O.F. (dynamic)	0.25 - 0.35
Gloss	4	Lamination bond	n/a
Light fastness (BWS)	-	Lamination heat seal bond	n/a

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

**Note:** All technical properties are a guideline only and dependant on final application

Substrates	paper	coated paper	-	-	-	-
Secondary Web	n/a	n/a	-	-	-	-

### Print viscosity

Diluents	Flexographic 20 - 28 sec. DIN 4		Gravure 14 - 17 sec. DIN 4	
Slow	Water	100 %	Water	100 %
Standard	Water/Ethanol	1:1	Water/Ethanol	1:1
Fast	Water/Ethanol	1:1.5	Water/Ethanol	1:1.5
Retarder	-	-	-	-

### Notes

- Diluents** Ethanol and water diluents must be pre-mixed prior to adding to the lacquer to prevent clotting or separation of the lacquer product.
- Storage** This product must be protected from frost and always stored at a minimum temperature of 15 °C.
- Mixing** Lacquer should be thoroughly mixed prior to dilution in order to recover any settlement of additives.

### 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)

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.