



## Technical Information

# Frimpeks Water Based Inks for Primary Packaging and Paper Cups

### General Description

Frimpeks Water Based Inks are suitable for general use on white and havana cardboard for tertiary packaging. This serie has a good surface color rendering due to the addition of inorganic fillers in the formulation. Suitable for machines that are not recent and not particularly fast. For dilutions, please contact our technical staff

### Product Characteristics

Frimpeks Water Based Inks are water based for flexographic applications  
Suitable to be printed on different types of external paperboard packaging (white,...)  
All pigments used have an high quality and different shades are available to be ordered also on specific requests  
Good adhesion and surface resistance  
All inks productions comply with ISO 9001:2015  
Other specifications are suitable on request for our technical service

### Application

**Inks are formulated to work on flexographic applications with 80 to 200 lines anilox roller.**

We strongly recommend that you stay in touch with our technical staff for any problem of application and printing of our inks and for any different application and printing than those listed in this product data sheet. If needed you may dilute inks with the product 85705, available on request.  
Suitable for paper cups (tea, coffee, cold drink,...) and primary food packaging (paper and paperboard)

### Printing conditions

Do not add any additives that can affect the pH of the solution  
Do not dilute upper than 30% in weight  
Please contact our technical service if you plan to perform a dilution higher that 30%

### Some parameters could change the inks performance, as follows:

Applied quantity  
Drying properties  
Paperboard quality used to print

### Technical Service:

Kindly note that we are ready at any time for competent technical application support on your site. Please contact our technical staff for printing inks:  
**chemicals@frimpeks.com**

### Storage:

#### Optimal Storage Conditions

The optimal storage temperature is between 5°C to 25°C.  
Higher storage temperatures reduce the shelf-life.

### Remark:

- products are not flammable
- protect from frost
- store in a cool and dark place
- stir well before use
- the lid must be closed immediately after usage

### Disclaimer:

The statements listed on this publication are according to our best knowledge. The statements do not exonerate the user from their own responsibility to determine that our products are suitable for their processes. They are intended to inform and advise and are subject to influence from the technical process.  
This edition of October 19, 2022 replaces all previous editions. With the present edition all older editions are null and void.



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		<b>Lightfastness</b>	<b>Alkali</b>	<b>Solvent</b>
<b>Type</b>	<b>Product Denomination</b>	<b>According to ISO 105 B01 specification</b>	<b>According to ISO 2838 specification</b>	<b>According to ISO 2837 specification</b>
		<b>1 to 8 blue scale 8-Excellent / 1-Poor</b>	<b>1 to 5 5-Excellent / 1-Poor</b>	<b>1 to 5 5-Excellent / 1-Poor</b>
Process Color	Pr. Yellow	4/5	5	4/5
Process Color	Pr. Magenta	4/5	2	3
Process Color	Pr. Cyan	7	5	5
Process Color	Pr. Black	7	5	5
Base Color	Yellow	4/5	5	4/5
Base Color	Yellow LF	6	5	4
Base Color	Orange	5	5	4
Base Color	Warm red	2	2	4
Base Color	Mid red (032)	5	5	3/4
Base Color	Rubine Red XT	4/5	2	3
Base Color	Rubine Red LF	6/7	5	5
Base Color	Rhodamine red	3/4	2	2
Base Color	Rhodamine red LF	7	5	5
Base Color	Purple	4	2	2
Base Color	Violet	4	2	2
Base Color	Violet LF	7	5	5
Base Color	Reflex blue LF	7	5	5
Base Color	Blue XT	7	5	5
Base Color	Green	7	5	5
Base Color	Mixing Black	8	5	5
	Transparent White			
	Opaque White	8	5	5



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### Warranty:

If the inks are stored correctly, we guarantee a shelf life of 6 months from date of production. However, we know from practical experience that the inks can remain usable for longer periods if they are properly handled and stored.

All Frimpeks printing products are formulated following CEPE/EUPIA guidelines. Our inks do not contain CMR substances neither the following heavy metals: Sb, As, Cd, Cr (VI), Pb, Hg, Se. Do not mix our inks with another supplier's inks, do not modify the composition of our inks.

### Regulatory Information

Please contact [niv.asa@frimpeks.com](mailto:niv.asa@frimpeks.com)

### Handling

Please refer to our SDS

### Waste Management

Refer to your country national laws  
For further information please refer to SDS

### Responsibility

All informations contained in this sheet is not exhaustive.  
All products must be sold only to professional printers.  
Due to the variable and uncontrollable nature of application conditions, our products are under limited warranty  
Please use only recommendation reported in this technical data sheet.