

# Frimpeks Water-Based Ink Pastes for Paper Cups

## General Description

The Frimpeks Water-Based Ink Pastes are suitable for printing on single or double PE Board paper cups. This series offers excellent water and rub resistance, essential for paper cup printing. Our bases have excellent surface gloss. Particularly suitable for fast and fast drying machines with anilox from 80 lines up to 300 lines both with doctor blade and without. For dilutions it is necessary to follow our technical indications below.

Consumer's care and safety are one of our first target and for this reason food should not be contaminated by any external substance. Within this frame we keep in mind that all the components of our inks must not migrate inside food-packaging.

### Migration could happen in three different ways:

- 1) Direct migration
- 2) Set-off migration due to paper stacking
- 3) Gaseous migration

Framework Regulation (EC) No 1935/2004 related to materials and articles intended to come into contact with foodstuffs provides the basis for the assurance of a high level of protection of human health and of consumers' interests in relation to food packaging, whether printed or not. The manufacturer of the final packaging has the responsibility for the compliance of the material and article with the legal requirements laid down in Article 3: Materials and articles must be manufactured in compliance with good manufacturing practice so that, under their normal or foreseeable conditions of use, they do not transfer their constituents to foodstuffs in quantities which could:

- a) endanger human health
- b) bring about an unacceptable change in the composition of the food
- c) bring about a deterioration in the organoleptic characteristics thereof

## Product Characteristics

The Frimpeks Water-Based Ink Pastes are water based for flexo applications

- Suitable for printing on different types of paperboard and single and double PE boards
- Excellent adhesion and physical properties of resistance
- All inks and pastes are produced according to the ISO 9001: 2015 quality management system
- Further specific product modifications can be made to order, contact our technical service for further specifications

## Printing Details

### Anilox Volume:

Process and Solid Colors 180 to 350 lines

## Application

Before beginning to print we recommend pre-tests, in order to test the desired characteristics of the finished product 103137 WB PAPER CUP FAST EXTENDER 65000 product needs to be added for the range to work on paper cup applications

## Printing Conditions

### Do not add any additives that can vary the pH of the solution

Do not dilute upper than 30% in weight; to perform a dilution higher than 30% please contact our technical service. Shake before use.

## Storage:

### Optimal Storage Conditions:

The optimal storage temperature is between 5°C and 35°C. Higher storage temperatures reduce the shelf-life.

### Remarks:

- protect from frost
- store in a cool and dark place
- stir well before use
- the lid must be closed immediately after usage

## Packaging:

Standard Packaging: 5KG buckets

## 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: [regulatory@frimpeks.com](mailto:regulatory@frimpeks.com)

## Cleaning:

We recommend using cleaning products dedicated for Low Migration application. The inking roller, anilox roller and printing plate have to be resistant against based inks and detergents (please see manufacturer's instructions).

### 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 November 8, 2022 replaces all previous editions. With the present edition all older editions are null and void.

# Technical Information

AVAILABLE SHADES	LIGHT	EN 646	EN 13432
COLD YELLOW	6	N	N
YELLOW BASE	5	S	S
YELLOW BASE L.R.	7	S	S
ORANGE BASE	4	S	S
ORANGE RESISTANT BASE	7	S	S
BLUE BASE	8	S	N
BLUE BASE 13432	8	S	S
BLACK BASE	8	S	S
MAGENTA BASE	5	S	S
MAGENTA RESISTANT BASE	6	N	N
VIOLET RED BASE	2	N	N
FIRE RED RESISTANT	6	N	S
FIRE RED 646	6	S	S
RHODAMINE	3	N	N
RESISTANT RHODAMINE	8	S	S
YELLOWISH RED	4	N	S
MAGENTA RESISTANT 646	7	S	S
VIOLET BASE	4	N	N
RESISTANT VIOLET	8	S	S
GREEN BASE	8	S	N

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**Frimpeks Kimya ve Etiket Sanayi Ticaret A.S.**

Velimeşe Organize Sanayi Bölgesi Mah. 236.sok. No:7/1 Ergene - Tekirdağ/ Turkey  
T. +90 282 674 5200 - frimpeks.com - regulatory@frimpeks.com



## Technical Information

### **Warranty:**

When stored correctly, our ink pastes are guaranteed to have a shelf life of 6 months from the production date. However, practical experience suggests that they can remain usable for longer periods if properly handled and stored.

All Frimpeks printing products are formulated following CEPE/EUPIA guidelines. Our inks do not contain CMR substances or the following heavy metals: Sb, As, Cd, Cr (VI), Pb, Hg, Se. Please do not mix our inks with those from other suppliers or alter their composition.

### **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:**

This sheet contains non-exhaustive information.

Our products are exclusively for sale to professional printers.

Given the variable and uncontrollable nature of application conditions, our products are covered by a limited warranty.

Please adhere strictly to the recommendations outlined in this technical data sheet.

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