

# Technical Data Sheet



## UVM Low Migration and Low Odour Series Inks

UVM Low Migration and Low Odour is high performance  
UV Flexo ink system for labels

**PRINTING PROCESS** : Narrow Web Flexo

**SUBSTRATES** : Paper, inline Corona treated polyethylene, top coated/primered polyethylene and treated/primered polypropylene, PVC and other substrates, particularly suitable for processing with all flexo label printing machines equipped with an UV-curing system.

**APPLICATION** : Pharmaceutical Labels, Personal Care Labels, Cosmetic Labels, Food Packaging Labels, Liquor Labels

**TECHNICAL DATA**

- Supply Viscosity : 500cps – 2500cps at 25°C
- Printing Viscosity : Ready to use
- Specific Gravity : 0.900 to 1.200

**PRIMARY PERFORMANCE PROPERTIES**

- High colour strength
- Excellent rheology - low viscosity
- Fast cure speed
- Adhesion to a wide range of materials
- Migration limit of each compound is 10 microgram or 10 PPB per 600 square cm of printed packaging material (600 square cm is typical packaging area of 1 kg of food) when inks are cured fully

## ADDITIVES

**CLEANING** : The inks can be removed from press rollers and tools by UVM LOW MIGRATION AND LOW ODOUR Quickclean

**STORAGE** : Inks should be stored under 25°C to protect from UV light for maximum shelf life

# Technical Data Sheet



STORAGE	: Inks should be stored under 25°C to protect from UV light for maximum shelf life									
SHELF LIFE	: The inks and varnishes of this series have normal conditions a shelf life of at least 9 months under sealed condition at temperature not exceeding 20°C									
ANILOX ROLLS	: <table><tr><th></th><th>LPI</th><th>BCM</th></tr><tr><td>Process prints</td><td>600 – 1400</td><td>2.5 – 1</td></tr><tr><td>Solid prints</td><td>300 – 800</td><td>8 – 3</td></tr></table>		LPI	BCM	Process prints	600 – 1400	2.5 – 1	Solid prints	300 – 800	8 – 3
	LPI	BCM								
Process prints	600 – 1400	2.5 – 1								
Solid prints	300 – 800	8 – 3								
VARIABLE PRINTS	: The inks are suitable for hot foil stamping and thermal transfer. Prior testing is recommended. Inks are not suitable for economic thermal papers as it may darken thermo-sensitive layer									
SPEED	: Print up to 150 m/min using 500 WPI bulb. It depends on lamp age, substrate, design etc.									
HEAT RESISTANCE	: N.A									

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself.

The information in this TDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, Inkstream Ink does not assume responsibility and expressly disclaims liability for loss, damage or expense arising from or in any way connected with the handling, storage, use or disposal of the product.

**Updated as on 02-01-2025**

Office : 46/7, Chatterjee Para Lane, Tikiapara, Howrah - 711 101. Telefax : 91-33-2643 5887