



**Inks**

“Our inks have been created and designed by our chemical engineers as a perfect match for our high resolution and thermal inkjet printers, so that they not only achieve the best quality and resolution in the marking, but also optimize consumption.”

# Inks

Formulations according to Regulations EuPIA, REACH, CLP and Swiss regulatory chapter 6

Scentless inks.

No VOC (Volatile Organic Compounds), are Organic Compounds that are easily converted into Vapors or Gases

Without NVC (T; R48 / 23 Toxic by inhalation and possible cause of respiratory tract damage Recommended use 0% in inks and varnishes)

Without ITX (Initiator photo prohibited according to FDA regulation because of possible contamination of food by migration)

No PYRROLIDONES (Cyclic Resin that could cause Cancer)

Optimized stability of viscosity and surface tension parameters.

Maximum Contrast in colorimetry

Low migration (Printing on food product packaging)

Biodegradable (All last generation dispersants and pigments)

The Oil Based formula is ECO free of mineral oils and meets the requirements of FEFCO for the recycling of corrugated board.

RHEOLOGIA common OIL and UVLED that leads to unified mechanical behavior

(Viscoelasticity, Surface tension, Deformation, Temperature)

	BOTTLES		CARTRIDGES	
	Oil Based	UV LED Based	Water Based & Solvent Based	UV LED Based
Formulations according to Regulations EuPIA, REACH, CLP and Swiss regulatory chapter 6	✓	✓	✓	✓
Scentless inks.	✓	✓	<i>mild</i>	<i>mild</i>
No VOC (Volatile Organic Compounds), are Organic Compounds that are easily converted into Vapors or Gases	✓	✓	<i>water based</i>	
Without NVC (T; R48 / 23 Toxic by inhalation and possible cause of respiratory tract damage Recommended use 0% in inks and varnishes)	✓	✓	✓	✓
Without ITX (Initiator photo prohibited according to FDA regulation because of possible contamination of food by migration)	✓	✓	✓	✓
No PYRROLIDONES (Cyclic Resin that could cause Cancer)	✓	✓	✓	✓
Optimized stability of viscosity and surface tension parameters.	✓	✓	✓	✓
Maximum Contrast in colorimetry	✓	✓	✓	✓
Low migration (Printing on food product packaging)	✓	✓	✓	✓
Biodegradable (All last generation dispersants and pigments)	✓	✓	✓	✓
The Oil Based formula is ECO free of mineral oils and meets the requirements of FEFCO for the recycling of corrugated board.	✓			
RHEOLOGIA common OIL and UVLED that leads to unified mechanical behavior	✓	✓		
(Viscoelasticity, Surface tension, Deformation, Temperature)				



100% Mineral oil free ink



European Printing Association



Registration, Evaluation, Authorisation and restriction of Chemicals



Low Migration and ITX Free



NVC Free



Swiss ordinance on materials/articles in contact with food (Annex.6th)

## Consumables

*Better quality, higher resolution, and optimization in consumption.*

### OIL BASED INK BOTTLES

COLORS	Black, red, blue and green (Others available upon request)
CONTAINER	1,000ml and 500ml bottle
PRINTED MATERIALS	All types of porous substrate
DRYING TIME	Instant
STORAGE CONDITIONS	From + 10 ° C to + 35 ° C in dry and clean environment



### UV BASED INK BOTTLES

COLORS	Black, red, blue and green (Others available upon request)
CONTAINER	1,000ml and 500ml bottle
PRINTED MATERIALS	All types of substrate
DRYING TIME	Instant by polymerization
STORAGE CONDITIONS	From + 10 ° C to + 35 ° C in dry and clean environment



### CARTRIDGES HP 2.5 FOR WATER BASE INK AND SOLVENT BASED INK

COLORS	Black. (Others available upon request)
CONTAINER	40ml cartridge
PRINTED MATERIALS	Water based: all types of porous substrate Solvent based: all types of surface
DRYING TIME	Water based: Instant Solvent Based: Fast depending on surface
STORAGE CONDITIONS	From + 10 ° C to + 20 ° C in dry and clean environment

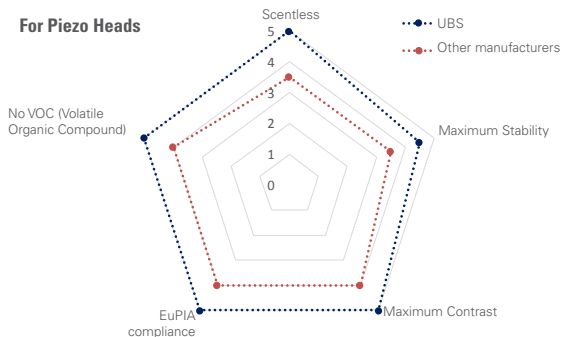


### CARTRIDGES INK UVLED HP 2.5

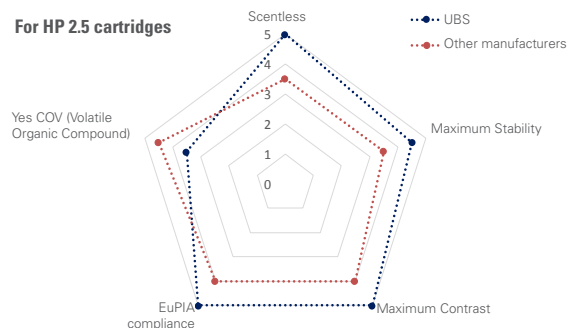
COLORS	Black. (Others available upon request)
CONTAINER	40ml cartridge
PRINTED MATERIALS	All types of surface
DRYING TIME	Instant by polymerization
STORAGE CONDITIONS	From + 10 ° C to + 20 ° C in dry and clean environment



#### For Piezo Heads



#### For HP 2.5 cartridges



Because of our policy of continuous improvement, our products specifications are subject to change without notice.



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