

Hyperion

UV LED inks for XAAR printheads



Highly versatile UV LED inkjet inks

Hyperion inks produce high-quality prints that feature vivid colors, reliable jetting, flexibility, adhesion, and durability. This advanced ink system sets no limits to your printing applications, particularly in combination with our pretreatment solutions.

Infinite applications

Hyperion inks are suited for industrial multi-pass applications

Hyperion S inks are suited for single-pass applications

Hyperion Flex is suited for flexible substrates

- Marking and coding
- Packaging
- Labeling
- Card printing
- Product decoration

Key benefits

High-performance inkjet inks suitable for high speed single pass printing (speeds of 50 m/min and higher)

- Excellent jetting performance and reliability
- Outstanding adhesion
- Vibrant colors and highest durability
- Superior print quality

Ink Characteristics

Ink type	Pigment
Target substrates	Laminate, varnishes, coatings, plastic, metal, glass
Printhead	XAAR 126, XAAR 1001, XAAR 1002
Shelf life	12 months (@ 21 °C)
Prewarming	40 - 45 °C
Surface tension	@ 25 °C: 31 - 33 mN/m
Surface tension (S)	@ 25 °C: 23 - 25 mN/m

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Available Colors:



Varnish is now available!



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Ink description

Hyperion inks are based on acrylates. They are UV and UV LED curing and intended for XAAR printheads.

Curing

Hyperion inks can be cured with UV LED sources (UVA light) as well as UV lamps (UVC light), such as gas discharge lamps and microwave-powered mercury lamps. Excellent curing without inert gas!

Storage

Store bottles tightly closed in a well ventilated area at a controlled temperature range between 4 °C and 21 °C (39 °F and 69 °F). Protect from exposure to light. These precautions are necessary to standardize the properties of the product.

Product offering

All inks and fluids are available in one (1) liter bottles. Minimum order quantity is four (4) bottles.

Product line (rigid materials)

Part No.	Description (Hyperion)
XT 02400C	Hyperion Cyan
XT 02400M	Hyperion Magenta
XT 02400Y	Hyperion Yellow
XT 02400K	Hyperion Black
XT 02400W	Hyperion White
XT 02400O	Hyperion Orange
XT 02400P	Hyperion Purple

Part No.	Description (Hyperion S)
XT 02402C	Hyperion S Cyan
XT 02402M	Hyperion S Magenta
XT 02402Y	Hyperion S Yellow
XT 02402K	Hyperion S Black
XT 02402W	Hyperion S White
XT 02402O	Hyperion S Orange
XT 02402P	Hyperion S Purple
XT 02402V	Hyperion S Varnish

Product line (flexible materials)

Part No.	Description (Hyperion Flex)
XT 02420C	Hyperion Flex Cyan
XT 02420M	Hyperion Flex Magenta
XT 02420Y	Hyperion Flex Yellow
XT 02420K	Hyperion Flex Black
XT 02420W	Hyperion Flex White

Part No.	Description (Hyperion Flex S)
XT 02422C	Hyperion Flex S Cyan
XT 02422M	Hyperion Flex S Magenta
XT 02422Y	Hyperion Flex S Yellow
XT 02422K	Hyperion Flex S Black
XT 02422W	Hyperion Flex S White
XT 02422V	Hyperion Flex S Varnish

Part No.	Description
XT 03200	Cleansing Fluid



Headquarters

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