



Hapa Ink
Inks Developed Individually



THE RIGHT INK IN ANY VOLUME

Looking for an ink designed for your application and volume needs? Then you're in the right place with Hapa Ink. We offer the flexibility to develop the ink for your print technology and processes, substrates, applications and products. Our complete services are guaranteed each customer, no matter the order volume.

By request, we fill your ink containers and package them to your specifications and private-label requirements.



A DIVISION OF HAPA

Hapa Ink is a division of Hapa – the source of intelligent packaging print solutions for the pharmaceutical, cosmetic, food and medical industries. Under the banner “Swiss Ink Print Performance,” we develop, produce, and deliver individualized inks, which are printing on plastic, aluminum, glass, and labeling materials of all types.

QUALITY DRIVEN

All the inks from Hapa have an above-average pigment content so that minimum quantities produce maximum results. Do you need a white ink that can meet exceptional specifications? The opacity of our white is unsurpassed – meeting cover requirements in a single pass.

Whether an ink is designed from scratch or individualized from our standard range to meet your needs, the print quality will impress you. The range of inks we offer includes:

- › CMYK
- › CcMmYyKk – for a larger color space
- › Spot colors
- › White of unsurpassed opacity
- › Fluorescent and transparent inks

Discerning, safety-conscious clients from strictly regulated industries value our inks for their:

- › Low migration
- › Low setoff properties
- › Low odor after curing



YEARS OF EXPERIENCE AND KNOW-HOW

You profit from our specialists' experience, proficiency and profound know-how of printing systems, printing technology and industry-specific regulations. Hapa Ink specialists, for example, have developed products for applications requiring adherence to the EU Toys Directive. And all low-migration and low-set-off inks are composed of ingredients that meet the Nestlé Guidance on Packaging Inks.

METICULOUS ANALYSIS, EXACT ADAPTATION

Our specialists analyze each and every application, carefully taking into account polymerization kinetics and curing times. The value of an ink's dynamic behavior of viscosity, surface tension, flow characteristics, adhesion and opacity to each respective print head is calculated – to optimize the jetability of each ink for the precise placement of the ink drops. Meticulous analysis and fine-tuning ensures exact adaptation of our inks to your substrate for your application.





INK MIGRATION TESTS

Hapa Ink migration tests are done in close cooperation with established certified institutes. In a thorough and sophisticated process, we examine the interactions between components – substrate, product, print system and polymerization – in order to produce optimal results. Our proven approach ensures the individualized ink remains securely within your targeted migration standards and functions on your printing system.



UNSURPASSED, ONE-STOP SERVICE

There's more that Hapa Ink offers. We're your complete partner, from the development of your individualized ink to its successful application.

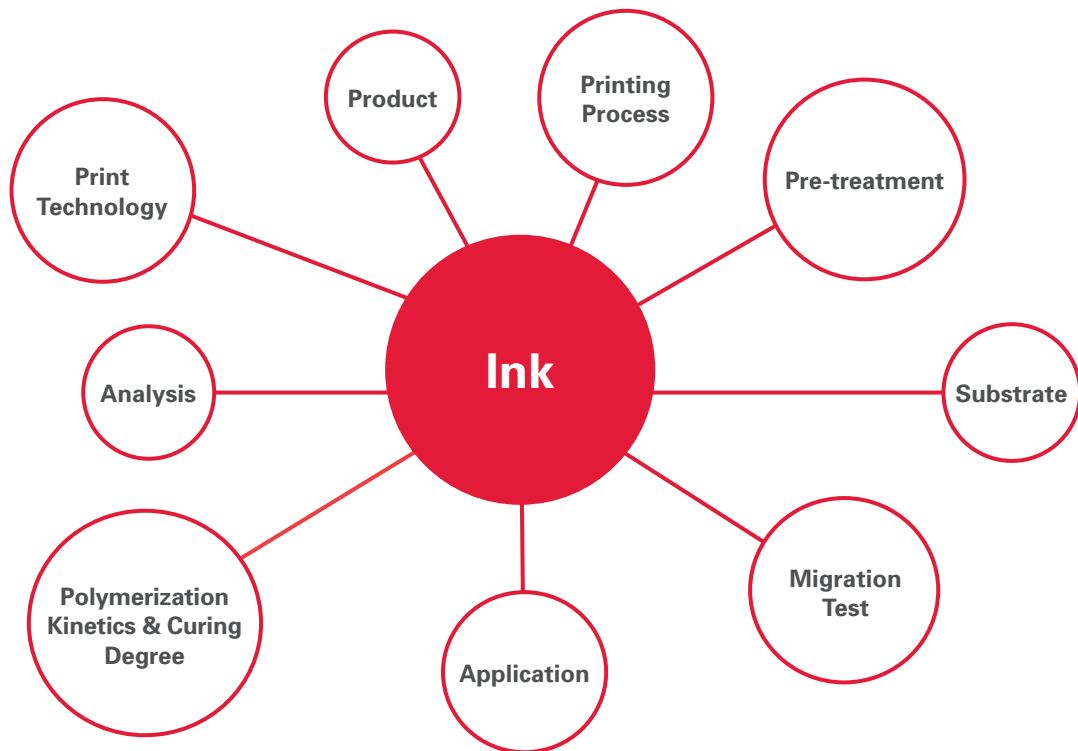
Some of the benefits we offer:

- › Customer-specific ink development and manufacture
- › Small-volume specialists
- › Migration tests to produce optimal results
- › Inks for all print systems
- › Inks for print heads supplied by XAAR, Konica Minolta, Kyocera and many others
- › Private-labeling and client-specific filling and packaging of inks
- › Long-term availability of inks



PUT US TO THE TEST

Have you been searching for an ink solution designed to fulfill your needs? Could you be facing a change of substrates in the near future? Whatever your challenges, together we can realize the right solution for your individual print process.



Learn more about our quality products and our services

- › Information and technical data are available as downloads on www.hapa.ch > [Hapa Ink](#) > [Products](#) > [Swiss Ink Performance](#) > [Tech Data & Downloads](#)
- › Questions? We are happy to offer you complete consultation without obligation. E-mail us at ink@hapa.ch or call **+41 43 399 32 00**

Hapa Ink K72
K720000 printcolor ink

print performance

Looking for the right quality in the right quantity? Hapa Ink is specialized in developing, producing and supplying high quality ink for different applications. Our products are designed to meet your specific needs. Hapa Ink is a leading provider of high quality ink for different applications. Our products are designed to meet your specific needs. Hapa Ink is a leading provider of high quality ink for different applications. Our products are designed to meet your specific needs.

Key Features

- › Availability - finding the right solution to your needs
- › Low volume orders
- › Performance oriented ink
- › Economy - 3 Inkjet cartridges - 3 Inkjet cartridges - 3 Inkjet cartridges
- › Analysis
- › Versatility - 3 Inkjet cartridges - 3 Inkjet cartridges - 3 Inkjet cartridges
- › Surface finish - 3 Inkjet cartridges - 3 Inkjet cartridges - 3 Inkjet cartridges
- › Specialized in application development
- › Optimal clarity & density
- › Cleaning agents designed for the ink

HAPA

Hapa Ink K74
K740000 printcolor ink

print performance

Property	Unit	Color	Cyan	Magenta	Yellow	Black	Others	Measurement Details
Viscosity @ 25 °C	mPa·s	100	100	100	100	100	100	ISO 2817
Surface Tension @ 25 °C	mN/m	35	35	35	35	35	35	ISO 1570
Surface Energy @ 25 °C	mJ/m²	35	35	35	35	35	35	ISO 1570
Particle Size	nm	100	100	100	100	100	100	ISO 1570
Color Density		1.0	1.0	1.0	1.0	1.0	1.0	ISO 1570

Key Characteristics

- › Inkjet inkjet preparation
- › Inkjet printing suitable
- › Application on aluminum and different plastic foil
- › Environmentally friendly inkjet ink
- › Low application for low volume orders, low volume
- › Inkjet colors available
- › Contains no Vinyl Capabilities (VCI) Ink

HAPA

Hapa Ink KM78
K780000 printcolor ink

print performance

Property	Unit	Color	Cyan	Magenta	Yellow	Black	Others	Measurement Details
Viscosity @ 25 °C	mPa·s	100	100	100	100	100	100	ISO 2817
Surface Tension @ 25 °C	mN/m	35	35	35	35	35	35	ISO 1570
Surface Energy @ 25 °C	mJ/m²	35	35	35	35	35	35	ISO 1570
Particle Size	nm	100	100	100	100	100	100	ISO 1570
Color Density		1.0	1.0	1.0	1.0	1.0	1.0	ISO 1570

Key Characteristics

- › Inkjet inkjet preparation
- › Inkjet printing suitable
- › Application on aluminum and different plastic foil
- › Environmentally friendly inkjet ink
- › Low application for low volume orders, low volume
- › Inkjet colors available
- › Contains no Vinyl Capabilities (VCI) Ink

HAPA

Hapa Ink XR78
K780000 printcolor ink

print performance

Property	Unit	Color	Cyan	Magenta	Yellow	Black	Others	Measurement Details
Viscosity @ 25 °C	mPa·s	100	100	100	100	100	100	ISO 2817
Surface Tension @ 25 °C	mN/m	35	35	35	35	35	35	ISO 1570
Surface Energy @ 25 °C	mJ/m²	35	35	35	35	35	35	ISO 1570
Particle Size	nm	100	100	100	100	100	100	ISO 1570
Color Density		1.0	1.0	1.0	1.0	1.0	1.0	ISO 1570

Key Characteristics

- › Inkjet inkjet preparation
- › Application on aluminum and different plastic foil
- › Environmentally friendly inkjet ink
- › Low application for low volume orders, low volume
- › Inkjet colors available
- › Contains no Vinyl Capabilities (VCI) Ink

HAPA

COESIA IN THE WORLD



©2019 Hapa Ink subject to modifications



coesia.com

Coesia is a group of innovation-based industrial solutions companies operating globally, headquartered in Bologna, Italy.

Coesia's companies are leaders in the sectors of:

- **Advanced automated machinery and materials**
- **Industrial process solutions**
- **Precision gears**

Coesia's customers are leading players in a broad range of industries, including Consumer Goods, Tobacco, Healthcare, Aerospace, Racing & Automotive and Electronics.



HAPA AG
 Chriesbaumstrasse 4
 8604 Volketswil
 Switzerland
 T +41 43 399 32 00
 F +41 43 399 32 01
 info@hapa.ch

www.hapa.ch