

INKREDIBLE Sheet-fed Offset Inks



RESISTA®



RAPIDA®



REFLECTA®

IMPRESSION

SURPRIZE

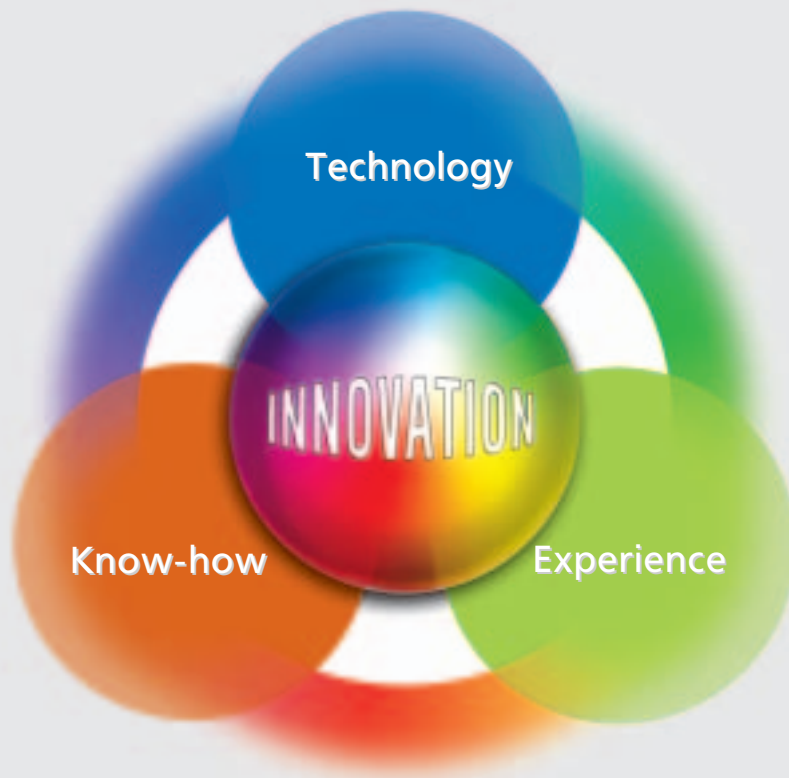
PERFEXION



More than just ink ...

huber 
   group

Synergy generates innovation



Any technology is only as good as the results it produces in the field. In the case of printing inks, the moment of truth comes on the printing press. For it's here that the ink shows what it's really capable of.

This explains why **hubergroup** inks are tested thoroughly again and again in in-house experimental printshops. At the same time, we work hand in hand with leading printing houses all round the globe. Our goal: to come up with and develop new ideas and solutions to create the conditions for obtaining optimum print results.

The experiences gained provide valuable stimuli for our laboratories all over the world. Collective research by these labs generates totally new, marketable solutions.

From the field – for the field.

Our innovations are the basis of our success. They are the reason why many printers the whole world over prefer to use **hubergroup** products. And why we now have some of the most successful brands on the market.

And with its new "**INKREDIBLE** technology", the **hubergroup** is rigorously following this very same path.

!NKREDIBLE

Sheet-fed Offset Inks



!NKREDIBLE. It's incredible what these inks are capable of.

The **!NKREDIBLE** inks of the **hubergroup** set a new standard in the printing-ink market for sheet-fed offset printing. Inks that already meet the standards and requirements of tomorrow.

Incredible – but true!

!NKREDIBLE inks are based on a new vehicle system, combined with optimised processing possibilities. This technology makes it possible to maintain a high proportion of renewable raw materials and resource-friendly production.

The innovative formula facilitates improved flow characteristics, which result in optimum printability, handling and press performance. **!NKREDIBLE** inks satisfy the high demands of state-of-the-art, high-speed presses: fast adjustment of a stable ink/water balance and stable production conditions with alcohol-free printing. What's more, you benefit from features that, when it comes to drying, gloss and rub resistance properties, are far superior to what has been previously available.

The best thing to do is try out the new **!NKREDIBLE** inks on your own press right now. And see for yourself what makes these inks so incredible.

One thing is for sure: you'll be impressed!



INKREDIBLE
Sheet-fed Offset Inks

Simply
irresistible

RESISTA[®]



RESISTA[®]

The rub-resistant inks

RESISTA[®]

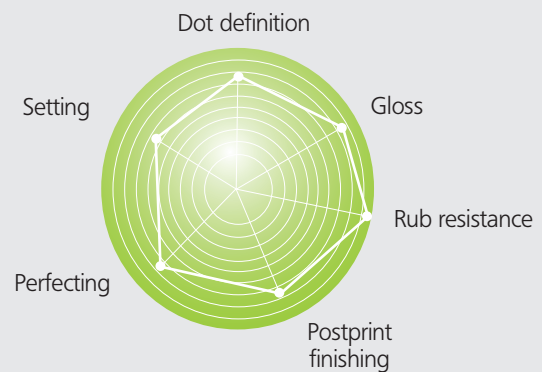
INKREDIBLE technology printing ink for excellent rub resistance.

These printing inks, available in both a duct-fresh and a fast-drying variant, are formulated on the basis of renewable raw materials.

SPECIAL PROPERTIES

- Excellent rub resistance
- Especially intensive, oxidative drying
- Fast postprint finishing under high mechanical stress
- Good gloss
- High fount solution tolerance
- Minimal startup waste
- Maximum stability in the production run
- Duct-fresh formulation suitable for perfecting
- Chromaticity points in compliance with DIN ISO 2846-1 and 12647-2
- For simple alcohol-free printing with Substifix[®]
- Extremely fast adjustment of the ink/water balance

INK PROFILE



APPLICATION

The ideal process series for maximum mechanical stress and for printers who work primarily with matt-coated/uncoated papers and card stocks, with and without coating.

FASTNESS PROPERTIES

	Light	Alcohol	Nitrocellulose	Alkali
Yellow	5	+	+	+
Magenta	5	+	+	-
Cyan	8	+	+	+
Black	8	+	+	+

The light fastness values quoted above relate to full-surface printing.

INKREDIBLE

Sheet-fed Offset Ink

High-speed
in colour

RAPIDA[®]

RAPIDA®

The fast-drying inks

RAPIDA®

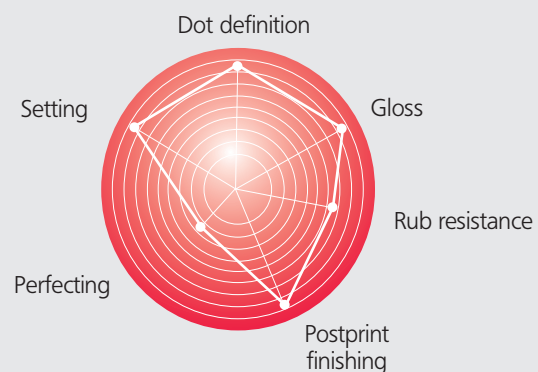
INKREDIBLE technology printing inks with fast physical drying properties for immediate turning and postprint finishing.

These process inks with duct-fresh formulation increase productivity.

SPECIAL PROPERTIES

- Very fast setting and outstanding stacking characteristics
- Ideally suited to rapid turning
- High fount solution tolerance
- Good gloss
- Minimal powder spraying
- Ideally suited to inline coating
- Minimal startup waste
- Maximum stability in the production run
- Chromaticity points in compliance with DIN ISO 2846-1 and 12647-2
- For simple alcohol-free printing with Substifix®
- Extremely fast adjustment of the ink/water balance

INK PROFILE



APPLICATION

The ideal process series for fast postprint finishing and frequent job changes. This series offers maximum flexibility with regard to different sizes of print run and format.

FASTNESS PROPERTIES

	Light	Alcohol	Nitrocellulose	Alkali
Yellow	5	+	+	+
Magenta	5	+	+	-
Cyan	8	+	+	+
Black	8	+	+	+

The light fastness values quoted above relate to full-surface printing.

INKREDIBLE
Sheet-fed Offset Inks

Dazzling
prospects

REFLECTA[®]

REFLECTA®

The high-gloss inks

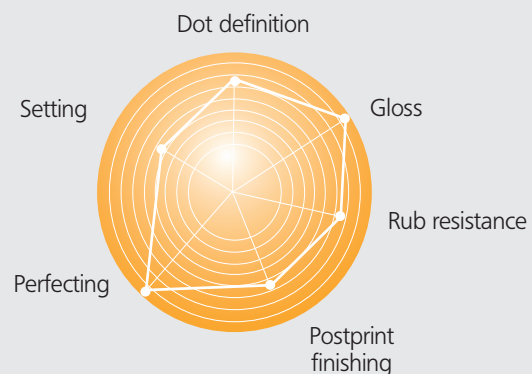
REFLECTA®

INKREDIBLE technology printing inks for maximum gloss and brilliant colour reproduction. These printing inks with duct-fresh formulation are formulated on the basis of renewable raw materials.

SPECIAL PROPERTIES

- Exceptionally high gloss and colour brilliance
- High fountain solution tolerance
- Ideally suited to perfecting presses
- Good oxidative drying
- Minimal startup waste
- Maximum stability in the production run
- Chromaticity points in compliance with DIN ISO 2846-1 and 12647-2
- For simple alcohol-free printing with Substifix®
- Extremely fast adjustment of the ink/water balance

INK PROFILE



APPLICATION

The ideal process series for the highest standards of gloss.

FASTNESS PROPERTIES

	Light	Alcohol	Nitrocellulose	Alkali
Yellow	5	+	+	+
Magenta	5	+	+	-
Cyan	8	+	+	+
Black	8	+	+	+

The light fastness values quoted above relate to full-surface printing.



INKREDIBLE
Sheet-fed Offset Inks

For lasting,
beautiful
impressions

IMPRESSION

IMPRESSION

The rub-resistant ink speciality

IMPRESSION

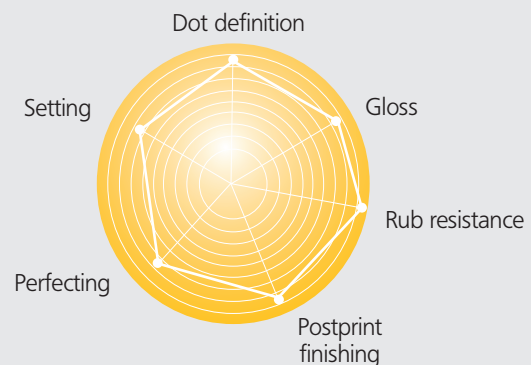
INKREDIBLE technology printing ink for excellent rub resistance.

These printing inks, available in duct-fresh variant, are formulated on the basis of renewable raw materials.

SPECIAL PROPERTIES

- Very good rub resistance
- High colour intensity
- High contrast and dot definition in colour reproduction
- Perfect sub-surface drying
- Minimal startup waste
- Maximum stability in the production run
- Suitable for perfecting
- Chromaticity points in compliance with DIN ISO 2846-1 and 12647-2
- For simple alcohol-free printing with Substifix®
- Extremely fast adjustment of the ink/water balance

INK PROFILE



APPLICATION

The ideal series for users of high-density print products who demand exceedingly high standards not only with regard to contrast and crispness of line, but also stacking characteristics in large print runs and rub resistance.

FASTNESS PROPERTIES

	Light	Alcohol	Nitrocellulose	Alkali
Yellow	5	+	+	+
Magenta	5	+	+	-
Cyan	8	+	+	+
Black	8	-	-	+

The light fastness values quoted above relate to full-surface printing.

Surprisingly
fast and
high-intensity

SURPRIZE

SURPRIZE

The fast-drying ink speciality

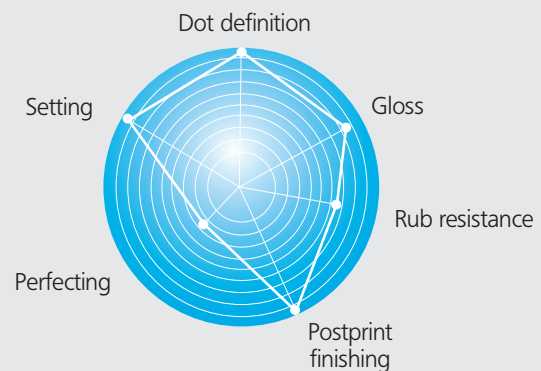
SURPRIZE

These **JNKREDIBLE** technology printing inks have been specifically developed for intensive colour reproduction. Low ink application combined with rapid physical drying properties enable superfast turning and postprint finishing even with high stacks. This series has a duct-fresh formulation.

SPECIAL PROPERTIES

- Very fast setting and outstanding stacking characteristics
- High contrast and dot definition in colour reproduction
- High colour intensity
- Very fast postprint finishing
- Ideally suited to inline coating and finishing
- Very fast with good mechanical stability
- Minimal startup waste
- Maximum stability in the production run
- Minimal powder spraying
- Chromaticity points in compliance with DIN ISO 2846-1 and 12647-2
- For simple alcohol-free printing with Substifix®
- Extremely fast adjustment of the ink/water balance

INK PROFILE



APPLICATION

Printers who work in the high-density segment and with an enhanced colour space, and who demand very high levels of productivity through frequent job changes, will find our SURPRIZE series to be the perfect ink to meet their requirements.

FASTNESS PROPERTIES

	Light	Alcohol	Nitrocellulose	Alkali
Yellow	5	+	+	+
Magenta	5	+	+	-
Cyan	8	+	+	+
Black	8	-	-	+

The light fastness values quoted above relate to full-surface printing.



INKREDIBLE
Sheet-fed Offset Inks

For the perfect
appearance

PERFEXION



PERFEXION

The high-gloss ink speciality

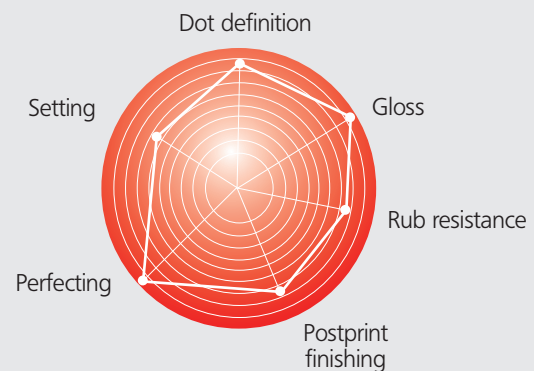
PERFEXION

INKREDIBLE technology printing inks for maximum gloss and intensive colour reproduction. These printing inks with duct-fresh formulation are formulated on the basis of renewable raw materials.

SPECIAL PROPERTIES

- Exceptionally high gloss
- High colour intensity
- High contrast and dot definition in colour reproduction
- Excellent sub-surface drying
- Minimal startup waste
- Maximum stability in the production run
- Ideally suited to perfecting
- Chromaticity points in compliance with DIN ISO 2846-1 and 12647-2
- For simple alcohol-free printing with Substifix®
- Extremely fast adjustment of the ink/water balance

INK PROFILE



APPLICATION

The ideal series for users who demand exceedingly high standards of gloss, colour brilliance and contrast and who are also in no way prepared to make any compromise with respect to printing characteristics and suitability for perfecting.

FASTNESS PROPERTIES

	Light	Alcohol	Nitrocellulose	Alkali
Yellow	5	+	+	+
Magenta	5	+	+	-
Cyan	8	+	+	+
Black	8	-	-	+

The light fastness values quoted above relate to full-surface printing.

Overview

Ink series	RESISTA®		RAPIDA®	REFLECTA®	IMPRESSION	SURPRIZE	PERFEXION
Drying properties	F	N	F	F	F	F	F
Dot definition	8		9	8	9	10	9
Gloss	9	9	10	9	9	10	10
Setting	7	9	6	8	10	7	7
Rub resistance	10	7	8	10	7	8	8
Fast postprint finishing	8	9	7	9	10	8	8
Suitable for perfecting	8	3	10	8	3	10	10
Suitable for uncoated/ matt-coated papers	10	8	8	10	8	8	8

1 : low 10 : high F : duct-fresh N : fast-drying

You can find and visit all the companies that make up the **hubergroup** at:

www.hubergroup.com