

K+E® black inks with specific properties for sheetfed offset

Range overview

K+E® black inks with specific properties

- Apart from our K+E® process black inks, numerous black inks with specific properties and for special areas of application extend our product portfolio.
- Our range is as diverse and variable as your daily printing challenges and offers ideal properties for almost all demands: from black inks that feature specific depth of shade to black inks that offer specific drying properties for use on fast running perfecting presses.
- In Stuttgart Germany, K+E® process inks are manufactured in one of the world's most modern production sites, where all processes from raw material handling to the end product are combined under one roof.
- In our centre of excellence in Stuttgart, specialists for pigments, binding agents, additives and varnishes can be called upon at any time – an invaluable advantage when the market is demanding quick and innovative solutions.
- For further information about our process black inks that are not listed in this brochure, please refer to our overview brochure for process inks, or to the individual product literature of the respective process ink series.
- Please contact us if you have questions about our black inks – we'll be glad to help!

K+E® black inks for sheetfed offset



Product features	Fastness properties				Printing properties										
	Light fastness	Alcohol	Solvent mixture	Alkali	Depth of shade	Dot gain	Gloss	Setting	Oxidative drying	Rub resistance	Rapid further processing	Suitability for glossy coated papers/board	Suitability for uncoated papers/board	Suitability for matt coated papers/board	
Deep black – duct-fresh															
Novastar® 744	Deep black. High gloss. High brilliance. Well suited for perfecting. Low tendency to build-up on the impression cylinder.	8	-	-	+	6	6	5	5	5	6	5	7	5	5
Novastar® 776 DEEP SPACE	Very deep black. High gloss. High brilliance. Very fast setting. Provides all fastness properties, suitable for surface finishing. Good rub resistance.	8	+	+	+	7	7	6	6	5	6	6	7	5	6
Novastar® 777 DEEP SPACE	Very deep black. High gloss. High brilliance. Very fast setting. Good rub resistance.	8	-	-	+	7	7	6	6	5	6	6	7	5	6
Skinnex – roller-fresh															
Novavit® 172 W SKINNEX	Roller-fresh. Ideally suited for coated papers, partly suited for uncoated papers and board. Low tack. Good suitability for picking sensitive and low weight substrates.	8	-	-	+	5	5	5	7	3	4	5	7	5	4
1 = Characteristic weakly expressed 7 = Characteristic strongly expressed															
The stated blacks are not for use on food packaging without functional barrier. They are suited for printing work corresponding to ISO 12647-2. The assessment of the colour properties was made under standardised printing conditions. In individual cases, under special conditions, as in printing with very high ink densities, the classification of certain properties may be different.															
Light fastness properties according to ISO 12040: from 1 (low) to 8 (high) Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided															

You are welcome to contact us for further information.

The aim of our technical documents is to inform and advise our customers. The information provided herein is correct to the best of Flint Group's knowledge. No liability for any errors, facts or opinions is accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted.

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Fast oxidative drying															
Novavit® 133 RTW	Fast oxidative drying. Suitable for wet-on-wet applications on gold and silver metallic inks.	8	+	+	+	5	4	3	4	7	7	4	7	7	7
Novagloss® 195 RT	Very fast oxidative drying. High gloss. Good rub resistance.	8	-	-	+	6	7	5	6	7	7	7	7	6	7
Novaboard® 188	Fast oxidative drying. Very good rub resistance. Fast setting.	8	-	-	+	5	7	5	5	7	7	7	7	7	7
Perfecting presses – duct-fresh															
Novavit® 919 SUPREME BIO	Based on renewable raw-materials. Fast setting. Excellent print sharpness. Rapid further processing. Good rub resistance.	8	-	-	+	6	7	6	6	5	6	5	7	5	6

1 = Characteristic weakly expressed 7 = Characteristic strongly expressed

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Light fastness properties according to ISO 12040: from 1 (low) to 8 (high)
Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided

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Smalloffset															
Offset Black 110	Dries by penetration only, therefore longer drying times compared to standard offset inks. Suitable for indirect letterpress as well as letterpress.	8	-	-	+	6	4	4	7	1	4	5	6	5	3
Continuous stationery printing															
Novaform® 612	Based on renewable raw-materials. Especially for continuous stationery printing. Suitable for laser application. High colour strength.	8	+	+	+	5	6	6	4	2	4	4	1	6	1/3*
<p>1 = Characteristic weakly expressed 7 = Characteristic strongly expressed * = when printed in sheetfed offset and adding a drying agent</p> <p>The stated blacks are not for use on food packaging without functional barrier. They are suited for printing work corresponding to ISO 12647-2. The assessment of the colour properties was made under standardised printing conditions. In individual cases, under special conditions, as in printing with very high ink densities, the classification of certain properties may be different.</p> <p>Light fastness properties according to ISO 12040: from 1 (low) to 8 (high) Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided</p>															

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Flint Group offers a uniquely powerful combination of products, services and expertise; giving you access to the industry's broadest range of pressroom products.

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Rely on us for consistency, reliability and customer focus. Our aim is to make it easier for you to achieve your business goals. With Flint Group products in your pressroom, you can run your business with confidence and peace of mind.

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