

INKREDIBLE

REFLECTA

The high-gloss sheet-fed offset process inks

The **REFLECTA** series from **huber**group is based on INKredible ink technology.

An incredibly superior range of inks based on a shared know-how between our customers and our technologists. The constituents of this process set are designed meticulously for offset printing.

In this unique ink technology, we used a vehicle system keeping in mind the new generation high speed printing machines, more environmentally safe raw materials and a formulation approach that ensures machine friendly ink rheology.

INKredible inks have shown much superior performance in terms of setting, gloss and rub resistance. These INKredible inks are excellent in terms of emulsion stability and enhanced water tolerance.

INKredible inks are manufactured by using latest state of the art manufacturing technology that guarantees a high level of production reliability and best print performance.

REFLECTA series is designed to offer maximum gloss and rich colour reproduction. These eco-friendly inks are free from any kind of mineral oils.

REFLECTA Process Set:		Fastness characteristics as per Din 16524/25			
		Light (BWS)**	Alcohol	Nitro	Alkali
Yellow	41 F 10 RL*	5	+	+	+
Magenta	42 F 10 RL*	5	+	+	-
Cyan	43 F 10 RL*	8	+	+	+
Black	49 F 10 RL*	8	-	-	+

F = Duct-fresh

BWS = Blue Wool Scale

* These inks are also available under product code 20 RL, e.g yellow as 41 F 20 RL, Magenta 41 F 20 RL, Cyan 43 F 20 RL and Black 49 F 20 RL

** Above light fastness values refer to solid printing. Light fastness rating decreases at low ink density or half-tone printing. Intermixed colors will give low light fast values.

Special Features:

Press Performance

- Good rheological behaviour
- Easy to use – quick and stable ink-water balance
- Suitable for all dampening system - with or without alcohol
- Suitable for high speed printing
- Duct-fresh
- Ideally suitable for 8-10 color presses

Print Performance

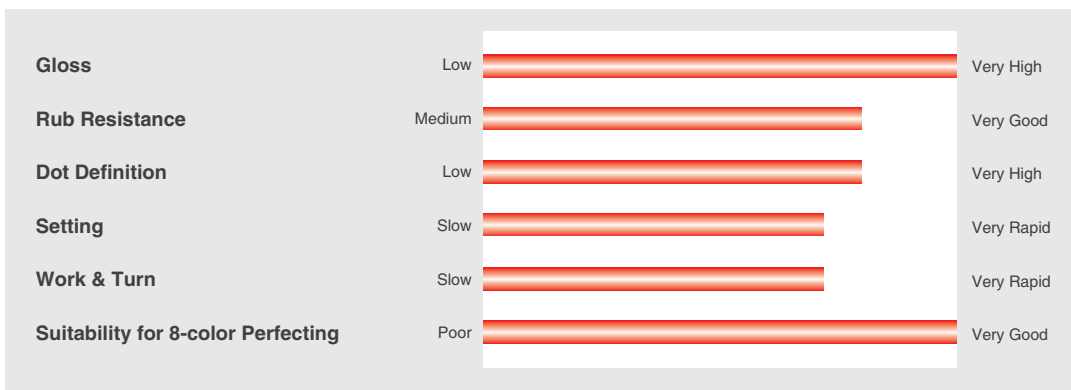
- Excellent print gloss on coated substrates
- Tough film formation because of the oxidative drying
- Fast setting
- Good rub resistance
- High color intensity
- Very good dot sharpness and trapping
- Suitable for lamination

Field of application:

REFLECTA series is highly suitable for jobs which require exceptionally high gloss on coated printing stocks, as well as on highly absorbent and less glossy stocks. It distinguishes itself through excellent print contrast, low tonal value (dot) gain and high dampening solution tolerance. Good rub resistance and good absorption open up a universal range of application. Moreover the ink series is ideally suitable for use in 8 and 10-colour perfecting presses.

The REFLECTA ink series stands out due to its high colour intensity and brilliancy. Moreover, the system impresses through high dot definition and high-contrast finish.

Characteristic Profile



Additives

REFLECTA process color is supplied as ready to use. Under exceptional circumstances, to adapt the process inks to special printing conditions, additives should be used which are compatible with the highly developed binder system.

Use liquid reducer **Print Oil 10 T 1405 or HR - 07388** for reducing the tack on printing substrates sensitive to picking. To accelerate oxidative drying use **MONSUN 10 S 7265** or Paste drier **Quick fix PC 0605**.

MSDS

Material safety data sheets are available on request. We advise to read the MSDS carefully before using the products.

Available Packing

- 1.0 Kg Vacuum-sealed can
- 2.5 Kg Vacuum-sealed can
- 2.0 Kg Cartridge

* The term "low-odour" refers to prints that have been made with these inks.

This information has been carefully compiled from best of our experience gained in laboratory and under actual commercial conditions. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being used for printing. We recommend that customers satisfy themselves that each product meets their requirements in all respect before commencing a commercial run.