

INKREDIBLE

## PERFEXION

High pigmented, high gloss sheet-fed offset process inks

The **PERFEXION** 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.

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

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

F = Duct-fresh

BWS = Blue Wool Scale

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

\*\* 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 behavior
- Easy to use – quick and stable ink-water balance
- Suitable for all dampening system - with or without alcohol
- Ideally suitable for 8-10 color presses
- Suitable for high speed printing
- Duct-fresh
- Minimum spray powder required

### **Pint Performance**

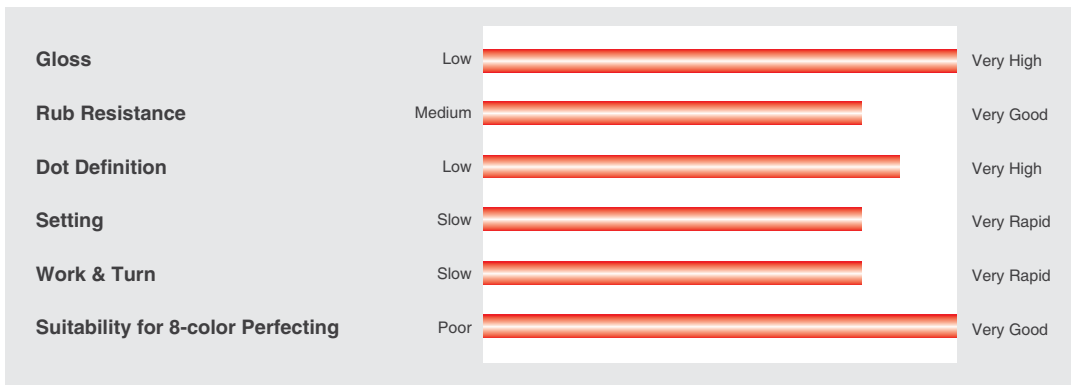
- Excellent print gloss on coated substrates
- Very High color intensity
- Fast setting
- Tough film formation because of the oxidative drying
- Excellent dot sharpness and trapping
- Good rub resistance
- Suitable for lamination

### **Field of application:**

PERFEXION series is highly suitable for jobs which required exceptionally high gloss on coated printing substrates. This series could also be used on highly absorbent and less glossy stocks. The inks are remarkable for the high color intensity and brilliancy resulting in excellent printing contrast with minimum dot gain. Their good rub resistance and reasonably good absorption characteristics enable them suitable for universal use. Stackability on jobs with heavy ink coverage is decisively improved.

The series has been specially developed for use on 8 & 10 color perfecting presses.

### **Characteristic Profile**



### **Additives**

PERFEXION 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 ready 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

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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.