

# Technical Information

16.P.032 | Conventional Sheet-fed Systems | Ink Series, Process Inks

INKREDIBLE®

## RESISTA® COFREE fresh RS260

The especially duct-fresh sheet-fed offset process ink series based on renewable raw materials - mineral oil- and cobalt-free



RESISTA COFREE fresh RS260 is - due to its stronger inhibition - the especially duct-fresh sheet-fed offset process ink series from **hubergroup**. Highly transparent and pure pigments enable to satisfy the requirements of ISO 2846-1 and 12647-2. The small tonal value spread within the chromatic colours promotes the neutrality of grey balance over the entire tonal value range.

With our cobalt- and mineral oil-free series we are already accounting for future European aspirations today.

### Range of Applications

RESISTA COFREE fresh RS260 is particularly suitable for jobs on coated, absorbent substrates, when the demand on rub-resistance of the printed ink is high. It also produces outstanding results on all other grade of absorbent substrate. Due to the formula with focus on stay-fresh properties, RESISTA COFREE fresh RS260 may provide slower drying behaviour on the printed sheet. This effect may occur with increasing intensity for substrates with decreasing absorbency.

This printing ink series is formulated mineral oil-and cobalt-free, but is not of the "low-migration" type. It is not recommended for the manufacture of food packaging.

### Properties

RESISTA COFREE fresh RS260		Fastness properties according to ISO 12040 / ISO 2836			
		Light BWS	Alcohol	Solvent mixture	Alkali
Yellow	41 RS 260	5	+	+	+
Magenta	42 RS 260	5	+	+	-*
Cyan	43 RS 260	8	+	+	+
Black <sup>1</sup>	49 RS 260	8	+	+	+
Black <sup>2</sup>	49 RS 2601	8	-	-	+

<sup>1</sup> varnish solvent fast

<sup>2</sup> alkali blue toned

\* not suitable for posters

- extended stay-fresh properties with still good drying
- good stackability with minimal demand for spray powder
- colour shades in compliance with ISO 2846-1
- mineral oil free
- cobalt free
- perfectly fit for print production according to ISO 12647-2
- high fountain solution tolerance
- ideally suited to IPA-free printing

<b>Gloss</b>	low		very high
<b>Rub resistance</b>	moderate		very good
<b>Dot sharpness</b>	low		high
<b>Setting</b>	slow		very rapid
<b>Post print finishing</b>	slow		very rapid
<b>Perfecting</b>	limited		compatible

**Printing auxiliaries**

RESISTA COFREE fresh RS260 process inks are supplied ready to use. However, under exceptional circumstances it may become necessary to adapt the process inks to special printing conditions. The auxiliaries mentioned below are compatible with the highly developed vehicle system:

- for reducing tack with substrates that are susceptible to picking **Ink Oil 10T1405**
- for accelerating oxidative drying **max. 1,5% INK ACTIVE DRIER MGA 10ML5002**

**Classification**

According to the Ordinance on Hazardous Substances: none  
 According to the Ordinance on Flammable Liquids: none  
 Safety data sheet available on request.

Contact addresses for advice and further information can be found under [www.hubergroup.com](http://www.hubergroup.com). This Technical information sheet reflects the current state of our knowledge. It is designed to inform and advise. We assume no liability for correctness. Modifications may be made in the interest of technical improvement.