

INKREDIBLE®

REFLECTA® COFREE

The high-gloss sheet-fed offset process series based on renewable raw materials – mineral oil- and cobalt-free

REFLECTA COFREE is the duct fresh, high-gloss sheet-fed offset process series from **hubergroup**. Highly transparent and pure pigments enable to satisfy the specifications of ISO 2846-1 and/or ISO 12647-2, as well as a low tonal value spread between the four process colours, supporting a neutral grey balance in the entire tonal range.

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

Range of applications

REFLECTA COFREE process series is particularly suitable for exceedingly high-gloss print jobs on coated and on other absorbent substrates. It is the favourite choice for printing on 8- and 10-colour perfecting presses. REFLECTA COFREE is also especially qualified for printing laser-printable forms and sheets.

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




REFLECTA COFREE		Fastness properties per ISO 12040 / ISO 2836			
		Light BWS	Alcohol	Solvent mixture	Alkali
Yellow	41 RL 250	5	+	+	+
Magenta	42 RL 250	5	+	+	-*
Cyan	43 RL 250	8	+	+	+
Black¹	49 RL 250	8	+	+	+
Black²	49 RL 2501	8	-	-	+

1) varnish-solvent fast

2) alkali blue toned

*) not suitable for poster printing

- Due to high temperature stability suitable for laser-printable items
- Colour shades in compliance with ISO 2846-1
- Perfectly fit for print production according to ISO 12647-2
- High fountain solution tolerance, excellent stability in the production run
- Ideally suitable for IPA-free printing
- Cobalt-free

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

Printing auxiliaries

REFLECTA COFREE 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 Regulation of Flammable Liquids: none

Material Safety Data Sheet available on request. Please refer to the contact of your local supplier.