Technical Information

10.P.007 | Conventional Offset Systems | Ink Series, Process Inks



NKREDIBLE®

MAXXIMA® COFREE

The sheet-fed offset process series with maximum application profile – cobalt-free

MAXXIMA COFREE is the universal, duct fresh sheet-fed offset process series from **huber**group. 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-free series we are already accounting for future European aspirations today.

Range of applications

Suitable for printing on absorbent substrates, MAXXIMA COFREE is the ideal process ink series for printers who want to cover a wide range of applications with only one ink series.

This publication printing ink series contains mineral oil and is not recommended to be used in packaging printing.

Properties

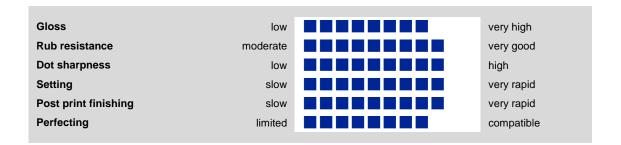
MAXXIMA COFREE		Fastness properties per ISO 12040 / ISO 2836			
		Light BWS	Alcohol	Solvent mixture	Alkali
Yellow	41 MX 250	5	+	+	+
Magenta	42 MX 250	5	+	+	_*
Cyan	43 MX 250	8	+	+	+
Black ¹	49 MX 250	8	+	+	+
Black ²	49 MX 2501	8	-	-	+

¹⁾ varnish-solvent fast

- Very versatile application profile
- Colour shades in compliance with ISO 2846-1 (independently certified by Fogra)
- 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
- Recommended for printing according to Nordic Swan, Österreichisches Umweltzeichen and EU-Ecolabel

²⁾ alkali blue toned

^{*)} not suitable for poster printing



Printing auxiliaries

MAXXIMA 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 10 T 1405,
- for accelerating oxidative drying MONSUN 10 T 7265.

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.