

# Technical Information

10.P.022 | Conventional Offset Systems | Ink Series, Process Inks



INKREDIBLE®

## MAXXIMA® cofree

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

MAXXIMA cofree is the universal, duct fresh sheet-fed offset process series from **huber**group. With our cobalt-free MAXXIMA cofree 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
<b>Yellow</b>	<b>41 MX 255</b>	5	+	+	+
<b>Magenta</b>	<b>42 MX 255</b>	5	+	+	-*
<b>Cyan</b>	<b>43 MX 255</b>	8	+	+	+
<b>Black<sup>1</sup></b>	<b>49 MX 255</b>	8	+	+	+
<b>Black<sup>2</sup></b>	<b>49 MX 2551</b>	8	-	-	+

1) varnish-solvent fast

2) alkali blue toned

\*) not suitable for poster printing

- 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

<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

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.