

Technical Information

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



INKREDIBLE®

MAXXIMA®

The sheet-fed offset process series with maximum application profile

MAXXIMA 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.

Range of applications

Suitable for printing on absorbent substrates, MAXXIMA 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		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	+	+	+
Black¹	49 MX 250	8	+	+	+
Black²	49 MX 2501	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

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

MAXXIMA 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.