

Technical Information



iNKREDIBLE®

RESISTA®

The rub-resistant sheet-fed offset process series based on renewable raw materials – mineral oil-free

RESISTA is the duct fresh, rub-resistant 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

RESISTA process inks are particularly suitable for jobs on coated papers that demand the best possible degree of rub resistance from the inks used. But also on all other types of absorbent substrates, RESISTA creates excellent results.

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

Properties

RESISTA		Fastness properties per ISO 12040 / ISO 2836			
		Light(BWS)	Alcohol	Solvent mixture	Alkali
Yellow	41RS250	5	+	+	+
Magenta	42RS250	5	+	+	-
Cyan	43RS250	8	+	+	+
Black	49RS250	8	-	-	+

- Good stackability with minimal powder spraying
- 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

RESISTA process inks are supplied ready to use. Should it become necessary, under exceptional circumstances, to adapt the process inks to special printing conditions, auxiliaries should be used which are compatible with the highly developed vehicle system:

- for reducing tack with substrates that are susceptible to picking **Ink Oil HGI-13750**.
- for accelerating oxidative drying **MONSUN drier HGI-19808**.

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.

How we supply

1 kg and 2.5 kg vacuum-sealed cans containers