

Issue Date: 18/08/03

TDS 1/015

RESISTA EXTRA

Sheetfed offset process inks for uncoated substrates

The new generation of “HIGHLY IMPROVED TECHNOLOGY” process inks from the Huber Group are manufactured to give optimum press performance in terms of gloss, strength and stable ink/water balance. At each stage of the production process raw materials are selected to impart the highest level of quality. The wetting medium used aids the pigment wetting process, and the precisely controlled dispersion conditions ensure that the pigment is completely coated with binder, in a stable manner. This is a critical area during the production process, and controls the overall press performance of the ink. The use of “HIGHLY IMPROVED TECHNOLOGY” has greatly improved the printing characteristics of the ink.

The HIT process guarantees a high level of production reliability and the best possible printed results.

RESISTA EXTRA process inks constitute the preferred sheetfed offset series where the best possible drying is required on uncoated/absorbent substrates.

RESISTA EXTRA		FASTNESS CHARACTERISTICS PER DIN 16 524/25			
		Light WS	Alcohol	Solvent Mixture	Alkali
RESISTA – Yellow	510 150/R	5	+	+	+
RESISTA – Magenta	510 151/R	5	+	+	-
RESISTA – Cyan	510 152/R	8	+	+	+
RESISTA – Black	510 153/R	8	-	-	+

N= Not fresh WS = Wool scale

SPECIAL CHARACTERISTICS

- Outstanding rub resistance & drying on uncoated/absorbent substrates
- Particularly intensive oxidation drying
- High damping solution tolerance
- Rapid adjustment of a stable ink/water balance
- Reduced pick off onto back cylinders during back up

Not recommended for gloss and matt coated substrates

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FIELDS OF APPLICATION

RESISTA EXTRA process inks offer the best possible drying, when processing uncoated & absorbent papers. They exhibit very rapid oxidative drying characteristics and produce excellent results on absorbent printing stocks and uncoated papers.

POST PRINT APPLICATIONS

UV VARNISHING (Rollercoat)	No
UV VARNISHING (Silk Screen Spot)	No
LAMINATION	No
LASER PERSONALISATION	Not Suitable
BLISTER PACKAGING	Not Suitable
FOIL BLOCKING	No

ADDITIVES

Should it become necessary, under exceptional circumstances, to adapt the process inks to special printing conditions, additives should be used which are compatible with the highly developed binder systems:

- For reducing tack on printing substrates sensitive to picking Thixoprint 90B0012 (3-5%)
- To accelerate oxidative drying Colbalt Drier 40B5000 (1-2%)
- If in doubt please contact our Technical Department

PACKAGING

2.5kg Vacuum-sealed Tin

**IT IS IMPORTANT TO NOTE THAT THESE PRODUCTS HAVE A SHELF LIFE OF
2 YEARS FROM DATE OF DELIVERY**