



Stehlin Hostag Ink U.K. Ltd
 Unit D4, Linkmel Close, Longwall Avenue,
 Queens Drive Industrial Estate,
 Nottingham. NG2 1NA
 Tel: 0115 986 0477
 Fax: 0115 986 2681

Issue Date: 31/05/02

TDS 1/009

SUPERSET WAX FREE PROCESS INKS

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.

Stehlin Hostag still recommend only Wax Free inks are used if a job it to be blister packed or skin packed, as maximum adhesion is of paramount importance. These inks have all the characteristics of our Ultra Rapida inks, quick setting, excellent gloss, good lithographic performance etc., but because they do not contain wax the rub resistance is poor. Only use the inks in conjunction with an overall coating (cannot be used for spot UV varnishing).

SUPERSET WAXFREE		FASTNESS CHARACTERISTICS PER DIN 16 524/25			
		Light WS	Alcohol	Solvent Mixture	Alkali
Superset Wax Free Yellow	24 530	5	+	+	+
Superset Wax Free Magenta	24 531	5	+	+	-
Superset Wax Free Cyan	24 532	8	+	+	+
Superset Wax Free Black	20 557/1	8	+	+	+

WS = Wool scale



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Cont/d... (sheet two)

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POST PRINT APPLICATIONS

UV VARNISHING (Rollercoat)	Yes
UV VARNISHING (Silk Screen Spot)	Not Suitable
LAMINATION	Yes
LASER PERSONALISATION	Not Suitable
BLISTER PACKAGING	Yes
FOIL BLOCKING	Yes

(Although the inks are formulated to allow certain post print applications to be carried out successfully, there are many factors outside of our control; such as the substrate used and quality of UV lacquer or foil applied. Therefore care should be exercised during any post print application)

Note:

- ink film must be completely dry and left a minimum of 24 hours
- Ink filmweights should be kept to a minimum, UCR should be considered.

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**