



Stehlin Hostag Ink U.K. Ltd  
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Issue Date: 31/05/02

TDS 1/013

## REFLECTA DRY 5070

### *Inks for water-less offset printing*

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 press stability. 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.

**REFLECTA DRY 5070 process inks were designed specifically for printing with the water-less offset method.**

RESISTA 9000		FASTNESS CHARACTERISTICS PER DIN 16 524/25			
		Light WS	Alcohol	Solvent Mixture	Alkali
REFLECTA DRY– Yellow	41F5070	5	+	+	+
REFLECTA DRY – Magenta	42F5070	5	+	+	-
REFLECTA– Cyan	43F5070	8	+	+	+
REFLECTA– Black	49F5070	8	-	-	+

F= Stay-fresh formulation WS = Wool scale



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Cont/d... (sheet two)

TDS 1/013

### **SPECIAL CHARACTERISTICS**

- Normal tack
- Compact consistency
- High dot sharpness
- Dries rapidly by oxidation
- Average absorption characteristics
- High gloss
- Good rub resistance
- “Stay-Fresh” characteristics.

### **APPLICATION NOTES**

Because of its processing characteristics, REFLECTA DRY 5070 produces excellent contrast and low tonal value gain on pick-resistant, coated stocks. We recommend printing with these inks as supplied. Ink duct temperatures must be controlled to prevent heating during printing, which may cause “toning”. Noncontact plate cooling has proven to be even more effective. Because of the printing difficulties (“toning”) that can occur, low tack or soft ink formulations are not available.

Cont/d....

### **POST PRINT APPLICATIONS**

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



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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**

If these process inks need to be adapted, in exceptional cases, to particular printing conditions, use Thixoprint 90B0012 (max. 3%).

**PACKAGING**

1kg or 2.5kg Vacuum-sealed Tin

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