



DIGI-WHITE

It's a product specifically designed as first white for hybrid digital printing.

DIGI-WHITE is a water based ink that gives a smooth and opaque surface, the optimal to perform half tones and thin lines up to 120 mesh.

Matt finish and great opacity, fast flashing. In case of printing on polyester fabrics showing.

Dye migration issues, it's recommended to print a first under base with **Virus® No-Sublimation Base** (use one or two screens at 32-48 mesh/cm depending on the degree of the fabric blemish).

DIGI-BLENDING WHITE It's a product specifically designed for hybrid digital printing. It's a soft semi opaque that gives very bright defined colours printable from 62 to 100 mesh. It can be mixed with **DIGI WHITE** and **DIGI SUPER-WHITE** or used as a single product on light fabrics and pastel colours. Matte finish, soft hand, fast flashing.

DIGI-PRO it's a water based transparent link, optimal as top-chat to protect the hybrid digital printing. Matte finishing, soft hand, extraordinary washing resistance.

DIGI-WHITE



technical sheet

FOR POLYESTER

COLOUR 1 - RECIPE	RECIPE	SCREEN	COLOUR 2 - RECIPE	RECIPE	SCREEN
NO SUBLIMATION BASE	97	48/123	DIGI-WHITE	100	48/123 - 62/156
SPECIAL RETARDER	3	GEL 3			GEL 3
		STANDARD			STANDARD
		SQUEEGEE			SQUEEGEE
		65-90-65			65-90-65
COLOUR 3 - RECIPE	RECIPE	SCREEN	DIGITAL		
DIGI-BLENDING WHITE	100	62/156 - 100/255	DIGITAL PRINT		
		GEL 3			
		STANDARD			
		SQUEEGEE			
		65-90-65			
COLOUR 4 - RECIPE	RECIPE	SCREEN	COLOUR 6 - RECIPE	RECIPE	SCREEN
DIGI-PRO	100	90/230 - 120/305			
		GEL 3			
		STANDARD			
		SQUEEGEE			SQUEEGEE
		85 shore			

PRINTER PARAMETERS	PRINTING PROCEDURE	SUITABLE ADDITIVES
DRYER TEMPERATURE	160°C - 320°F	1 PRINT DOUBLE STROKE - FLASH
CURING TIME	2 MIN	2 PRINT DOUBLE STROKE - FLASH
SQUEEGEE ANGLE	25° (75°)	3 PRINT DOUBLE STROKE
PRINTING SPEED	MEDIUM	4 DIGITAL PRINT - FLASH
SCREEN CLEAN UP	5 PRINT DOUBLE STROKE - CURE	
USE WATER		
COMMENTS		

1. Don't add water to the ink but only Additives.

2. DIGI-PRO, as a Top Coat, can be replaced by Special inks such as GEO Diamond, Geo Moon, Galileus and so on.

SPECIAL RETARDER:

Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability.

Add 3-5% of SPECIAL RETARDER to the inks.

Formaldehyde and phthalate free.

HYDRA REDUCER 120:

To reduce viscosity, just add 3% of HYDRA REDUCER 120.

Formaldehyde and phthalate free.

HYDRA JET REDUCER:

Viscosity reducer; add 1-3% to the ink.

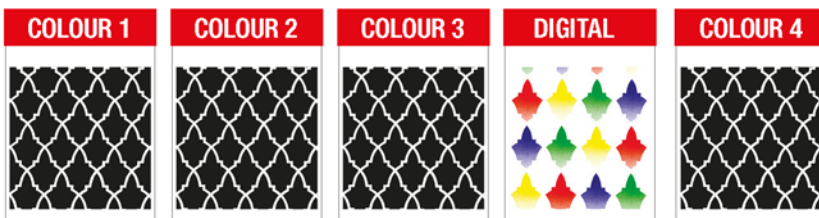
To use only when the ink viscosity is extremely thick.

Formaldehyde and phthalate free.

SUPER SOFTENER:

To be added to the ink at 5% to further improving the softness of the final printing.

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SPECIAL RETARDER	3	GEL 3			GEL 3
		STANDARD			STANDARD
		SQUEEGEE			SQUEEGEE
		65-90-65			65-90-65
COLOUR 3 - RECIPE	RECIPE	SCREEN	DIGITAL		
DIGI-BLENDING WHITE	100	62/156 - 100/255	DIGITAL PRINT		
		GEL 3			
		STANDARD			
		SQUEEGEE			
		65-90-65			
COLOUR 4 - RECIPE	RECIPE	SCREEN	COLOUR 6 - RECIPE	RECIPE	SCREEN
DIGI-PRO	100	90/230 - 120/305			
		GEL 3			
		STANDARD			
		SQUEEGEE			SQUEEGEE
		85 shore			

PRINTER PARAMETERS	PRINTING PROCEDURE	SUITABLE ADDITIVES
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CURING TIME	2 MIN	2 PRINT DOUBLE STROKE - FLASH
SQUEEGEE ANGLE	25° (75°)	3 PRINT DOUBLE STROKE
PRINTING SPEED	MEDIUM	4 DIGITAL PRINT - FLASH
SCREEN CLEAN UP	5 PRINT DOUBLE STROKE - CURE	
USE WATER		
COMMENTS		

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SPECIAL RETARDER:

Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability.
Add 3-5% of SPECIAL RETARDER to the inks.
Formaldehyde and phthalate free.

HYDRA REDUCER 120:

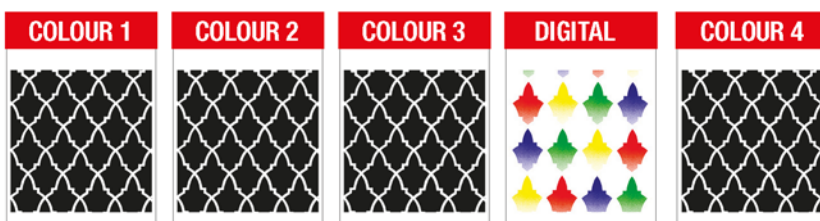
To reduce viscosity, just add 3% of HYDRA REDUCER 120.
Formaldehyde and phthalate free.

HYDRA JET REDUCER:

Viscosity reducer; add 1-3% to the ink.
To use only when the ink viscosity is extremely thick.
Formaldehyde and phthalate free.

SUPER SOFTENER:

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		SQUEEGEE			SQUEEGEE
		65-90-65			65-90-65
COLOUR 3 - RECIPE	RECIPE	SCREEN	DIGITAL		
DIGI-BLENDING WHITE	100	62/156 - 100/255	DIGITAL PRINT		
		GEL 3			
		STANDARD			
		SQUEEGEE			
		65-90-65			
COLOUR 4 - RECIPE	RECIPE	SCREEN	COLOUR 6 - RECIPE	RECIPE	SCREEN
DIGI-PRO	100	90/230 - 120/305			
		GEL 3			
		STANDARD			
		SQUEEGEE			SQUEEGEE
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PRINTER PARAMETERS	PRINTING PROCEDURE	SUITABLE ADDITIVES
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CURING TIME	2 MIN	2 PRINT DOUBLE STROKE - FLASH
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PRINTING SPEED	MEDIUM	4 DIGITAL PRINT - FLASH
SCREEN CLEAN UP	5 PRINT DOUBLE STROKE - CURE	
USE WATER		
COMMENTS		

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HYDRA REDUCER 120:

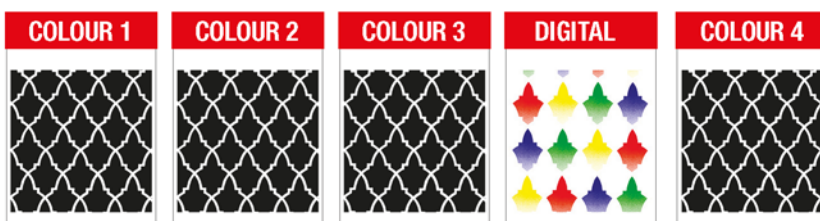
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SUPER SOFTENER:

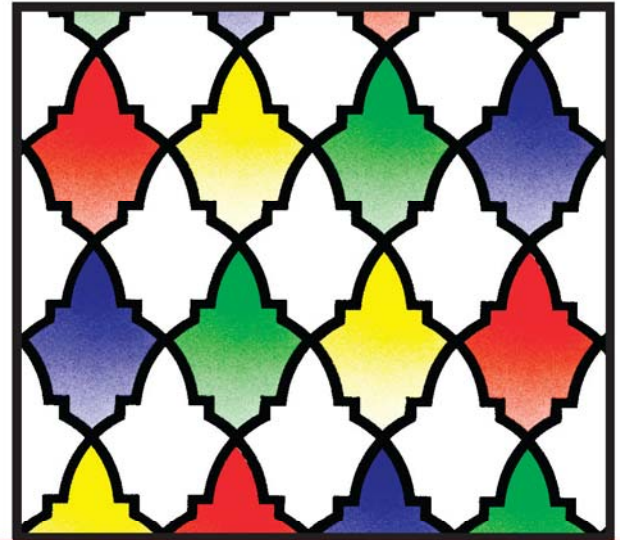
To be added to the ink at 5% to further improving the softness of the final printing.
Formaldehyde and phthalate free.





Suitable for hybrid digital printing on white fabric; enhances the result of the digital print as regards solid colours and half tones.

Perfect transparency, matte finishing, soft touch and extraordinary washing resistance.



COLOUR 1 - RECIPE	RECIPE	SCREEN	DIGITAL		
DIGI-PRO	100	62/156 - 120/305	DIGITAL PRINT		
		GEL 3			
		STANDARD			
		SQUEEGEE			
		65-90-65			
COLOUR 2 - RECIPE		SCREEN	COLOUR 3 - RECIPE	RECIPE	SCREEN
DIGI-PRO		90/230 - 120/305			
		GEL 3			
		STANDARD			
		SQUEEGEE			
		85 shore			
COLOUR 4 - RECIPE	RECIPE	SCREEN	COLOUR 5 - RECIPE	RECIPE	SCREEN

PRINTER PARAMETERS		PRINTING PROCEDURE		SUITABLE ADDITIVES
DRYER TEMPERATURE	160°C - 320°F	1	PRINT DOUBLE STROKE	SPECIAL RETARDER: Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability. Add 3-5% of SPECIAL RETARDER to the inks. Formaldehyde and phthalate free.
CURING TIME	2 MIN	2	DIGITAL PRINT - FLASH	
SQUEEGEE ANGLE	25° (75°)	3	PRINT DOUBLE STROKE - CURE	
PRINTING SPEED	MEDIUM			HYDRA REDUCER 120: To reduce viscosity, just add 3% of HYDRA REDUCER 120. Formaldehyde and phthalate free.
SCREEN CLEAN UP				
USE WATER				
COMMENTS				

1. Don't add water to the ink but only Additives .
2. DIGI-PRO, as a Top Coat, can be replaced by Special inks such as GEO Diamond, Geo Moon, Galileus and so on.
3. DIG-PRO can be used for digital printing on light fabric as base before the digital printing or as top coat.

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Formaldehyde and phthalate free.

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