



HYDRA

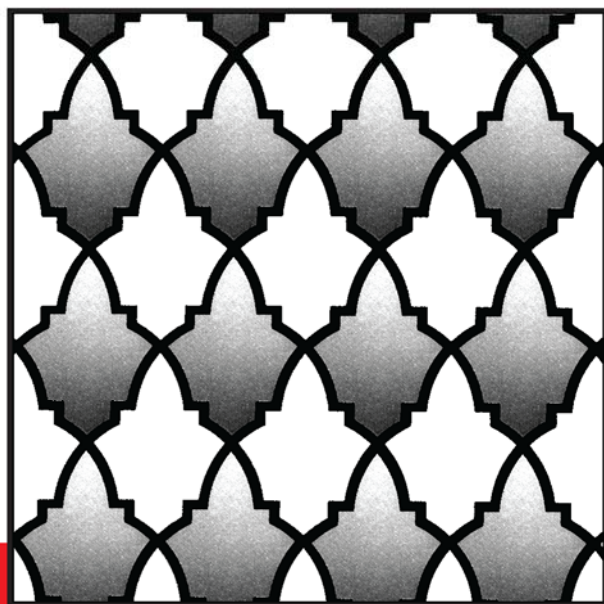
Hydra White 120 Soft Extra-soft version of Hydra white 120E, Hydra White 120 Soft is suitable to achieve untouchable prints on cotton garments. And can be also used as a mixing white with WOW CLEAR S and is a good underbase to combine with WOW® Wet on Wet system.

- Printable up to 120 (305) mesh counts.
- To reduce viscosity, just add 3% of HYDRA REDUCER 120.

Main Features:

- High opacity.
- Good coverage.
- Fast curing.
- Excellent bleed resistance.
- Use as a first-down, underbase flash white or an overprint stand-alone white.

HYDRA WHITE 120 SOFT



technical sheet

COLOUR 1 - RECIPE	RATIO	SCREEN	COLOUR 2 - RECIPE	RATIO	SCREEN
HYDRA WHITE 120 SOFT	100	120/305	HYDRA WHITE 120 SOFT	100	48/123
		GEL 3			GEL 3
		STANDARD			STANDARD
		SQUEEGEE			SQUEEGEE
		75-90-75			65-90-65
COLOUR 3 - RECIPE	RATIO	SCREEN	COLOUR 4 - RECIPE	RATIO	SCREEN
		SQUEEGEE			SQUEEGEE
PRINTER PARAMETERS	PRINTING PROCEDURE		SUITABLE ADDITIVES		
DRYER TEMPERATURE	160°C - 320°F	1	SPECIAL RETARDER:		
CURING TIME	1,5 MIN	2	Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability.		
SQUEEGEE ANGLE	20°		Add 3-5% of SPECIAL RETARDER to the inks.		
PRINTING SPEED	MEDIUM		Formaldehyde and phthalate free.		
SCREEN CLEAN UP			HYDRA REDUCER 120:		
USE WATER			To reduce viscosity, just add 3% of HYDRA REDUCER 120.		
COMMENTS			Formaldehyde and phthalate free.		

DON'T ADD WATER TO THE INK BUT ONLY ADDITIVES

UNIFIX LC:
Additive specifically designed to ensure the proper resistance to frequent washings at high temperatures. up to 3-5% to be thoroughly mixed with the ink
Phthalates and formaldehyde free
Formaldehyde and phthalate free.

COLOUR 1	COLOUR 2	COLOUR 3	COLOUR 4

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HYDRA

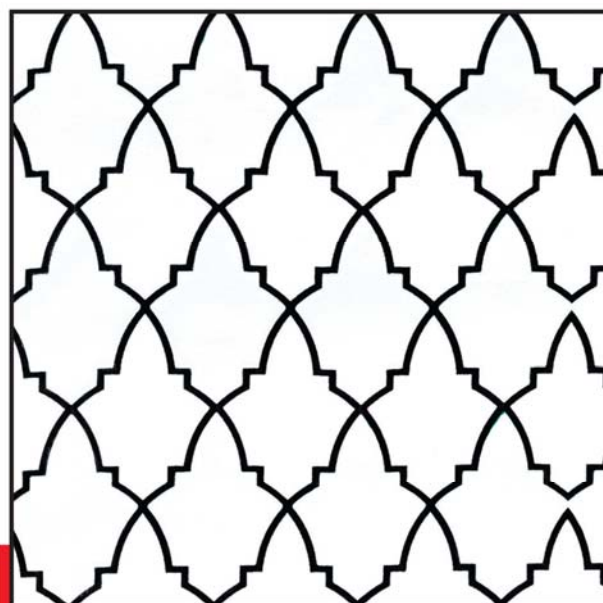
Hydra First white E Very flexible and universal white, also used as an underbase and as a highlight white.

- Maximum screen mesh counts: 77 (195) mesh counts. 48s (123) suggested.

Main Features:

- High opacity.
- Good coverage.
- Fast curing.
- Excellent bleed resistance.
- Use as a first-down, underbase flash white or an overprint stand-alone white.

HYDRA FIRST WHITE E



technical sheet

COLOUR 1 - RECIPE	RATIO	SCREEN	COLOUR 2 - RECIPE	RATIO	SCREEN
HYDRA FIRST WHITE E	100	48/123	HYDRA FIRST WHITE E	100	48/123
		GEL 3			GEL 3
		STANDARD			STANDARD
		SQUEEGEE			SQUEEGEE
		65-90-65			65-90-65
COLOUR 3 - RECIPE	RATIO	SCREEN	COLOUR 4 - RECIPE	RATIO	SCREEN
		SQUEEGEE			SQUEEGEE
PRINTER PARAMETERS	PRINTING PROCEDURE		SUITABLE ADDITIVES		
DRYER TEMPERATURE	160°C - 320°F	1	SPECIAL RETARDER:		
CURING TIME	2 MIN	2	Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability.		
SQUEEGEE ANGLE	25°		Add 3-5% of SPECIAL RETARDER to the inks.		
PRINTING SPEED	MEDIUM		Formaldehyde and phthalate free.		
SCREEN CLEAN UP			HYDRA REDUCER 77:		
USE WATER			To reduce viscosity, just add 3% of HYDRA REDUCER 77.		
COMMENTS			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.		

COLOUR 1	COLOUR 2	COLOUR 3	COLOUR 4

UNIFIX LC:
Additive specifically designed to ensure the proper resistance to frequent washings at high temperatures. up to 3-5% to be thoroughly mixed with the ink
Phthalates and formaldehyde free
Formaldehyde and phthalate free.

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GEO

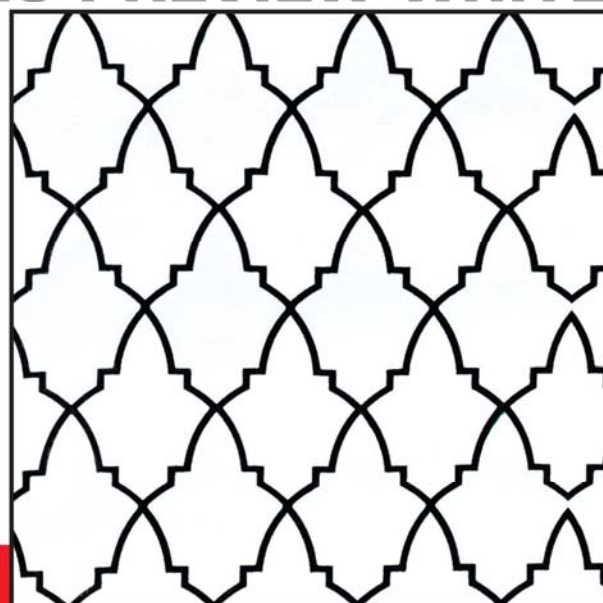
Geo Preview White is the new water based ink developed to meet any kind of need on cotton; combines high performances to a small price.

Geo Preview White ensures perfect coverage even on darkest garments; gives detailed images and smooth, soft touch surfaces easily overprintable.

Main Features:

- High opacity.
- Good coverage.
- Fast curing.
- Excellent bleed resistance.
- Use as a first-down, underbase flash white or an overprint stand-alone white.

GEO PREVIEW WHITE



technical sheet

COLOUR 1 - RECIPE	RATIO	SCREEN	COLOUR 2 - RECIPE	RATIO	SCREEN
GEO PREVIEW WHITE	100	90/230	GEO PREVIEW WHITE	100	48/123
		GEL 3			GEL 3
		STANDARD			STANDARD
		SQUEEGEE			SQUEEGEE
		75-90-75			65-90-65
COLOUR 3 - RECIPE	RATIO	SCREEN	COLOUR 4 - RECIPE	RATIO	SCREEN
		SQUEEGEE			SQUEEGEE
PRINTER PARAMETERS	PRINTING PROCEDURE		SUITABLE ADDITIVES		
DRYER TEMPERATURE	160°C - 320°F	1	SPECIAL RETARDER:		
CURING TIME	1,5 MIN	2	Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability.		
SQUEEGEE ANGLE	20°		Add 3-5% of SPECIAL RETARDER to the inks.		
PRINTING SPEED	MEDIUM		Formaldehyde and phthalate free.		
SCREEN CLEAN UP			HYDRA REDUCER 120:		
USE WATER			To reduce viscosity, just add 3% of HYDRA REDUCER 120.		
COMMENTS			Formaldehyde and phthalate free.		

DON'T ADD WATER TO THE INK BUT ONLY RECOMMENDED ADDITIVES

UNIFIX LC:

Additive specifically designed to ensure the proper resistance to frequent washings at high temperatures. up to 3-5% to be thoroughly mixed with the ink
Phthalates and formaldehyde free
Formaldehyde and phthalate free.

COLOUR 1	COLOUR 2	COLOUR 3	COLOUR 4

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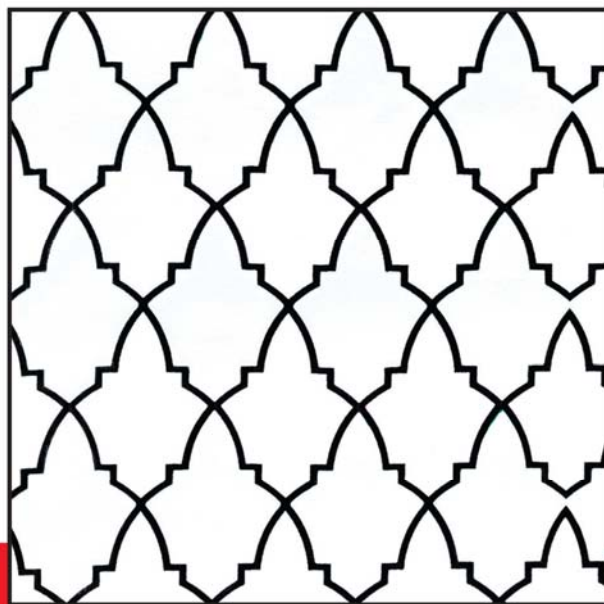


GEO

GEO BUNGEE JUMPING WHITE

Geo Bungee Jumping White is a very elastic water based ink designed to be printed onto Lycra and other stretchable fabrics. It can be overprinted or mixed with Hydra Elastic Clear 305.

In case of garment dye migration is highly recommended to print No-Sublimation base as an under base.



technical sheet

COLOUR 1 - RECIPE		RATIO	SCREEN	COLOUR 2 - RECIPE		RATIO	SCREEN
GEO BUNGEE JUMPING WHITE		100	48/123	GEO BUNGEE JUMPING WHITE		100	48/123
			GEL 3				GEL 3
			STANDARD				STANDARD
			SQUEEGEE				SQUEEGEE
			60 SHORE				60 SHORE
COLOUR 3 - RECIPE		RATIO	SCREEN	COLOUR 4 - RECIPE		RATIO	SCREEN
			SQUEEGEE				SQUEEGEE
PRINTER PARAMETERS		PRINTING PROCEDURE		SUITABLE ADDITIVES			
DRYER TEMPERATURE	145°C - 295°F	1	PRINT DOUBLE STROKE - FLASH	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.			
CURING TIME	2 MIN	2	PRINT DOUBLE STROKE - CURE				
SQUEEGEE ANGLE	25°						
PRINTING SPEED	MEDIUM						
SCREEN CLEAN UP							
USE WATER							
COMMENTS							

COLOUR 1	COLOUR 2	COLOUR 3	COLOUR 4

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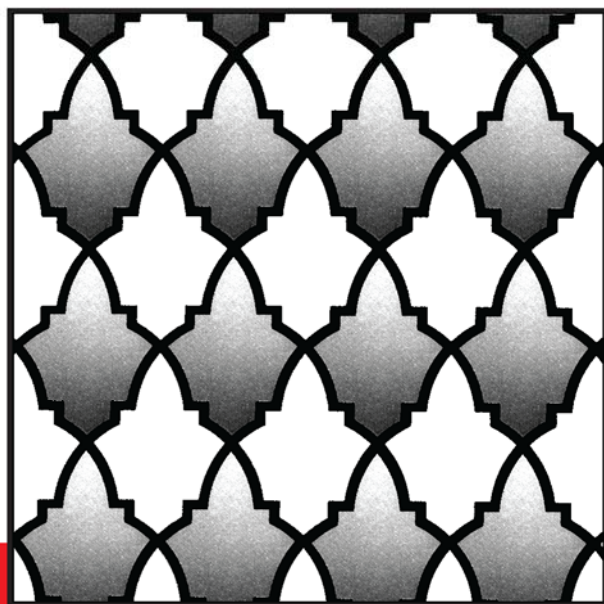


GEO

Geo Nylon White is a water based ink formaldehyde, phthalate and PVC free designed to be applied onto all those garments difficult to be printed such as nylon, technical fabrics and synthetic fabrics in general. Recommended mesh counts from 48 (123) to 77 (195); GEO NYLONE WHITE polymerizes at 150°C. Adding 1-3% HI-ACTIVATOR increases resistance and durability allowing the ink to air dry at environmental temperature within 48 hours.

For garments sensitive to high temperatures, we suggest to consider the following procedures: when curing at 120°C add to NYLONE WHITE 3% of UniFix LC; when curing at 90°C add at NYLONE WHITE from 1 to 3% of Hi Activator.

GEO NYLONE WHITE



technical sheet

COLOUR 1 - RECIPE	RATIO	SCREEN	COLOUR 2 - RECIPE	RATIO	SCREEN
GEO NYLONE WHITE	100	48/123	GEO NYLONE WHITE	100	77/195
		GEL 3			GEL 3
		STANDARD			STANDARD
		SQUEEGEE			SQUEEGEE
		60 SHORE			75/90/75
COLOUR 3 - RECIPE	RATIO	SCREEN	COLOUR 4 - RECIPE	RATIO	SCREEN
		SQUEEGEE			SQUEEGEE
PRINTER PARAMETERS	PRINTING PROCEDURE		SUITABLE ADDITIVES		
DRYER TEMPERATURE	150°C - 305°F	1	SPECIAL RETARDER:		
CURING TIME	2 MIN	2	Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability.		
SQUEEGEE ANGLE	25°		Add 3-5% of SPECIAL RETARDER to the inks.		
PRINTING SPEED	MEDIUM		Formaldehyde and phthalate free.		
SCREEN CLEAN UP			UNIFIX LC:		
USE WATER			Additive specifically designed to ensure the proper resistance to frequent washings at high temperatures.		
COMMENTS			up to 3% to be thoroughly mixed with the ink		
			Phthalates and formaldehyde free		
			Formaldehyde and phthalate free.		

HI ACTIVATOR:

To be mixed to the ink to further improve printing durability or to cure the ink without passing the garment through the dryer. In both cases case full curing will occur in 48 hours.

Formaldehyde and phthalate free.

COLOUR 1	COLOUR 2	COLOUR 3	COLOUR 4

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PERFETTO

Perfetto White has been specifically designed to print on polyester, but it's also able to express its **full potential on every other kind of fabric.**

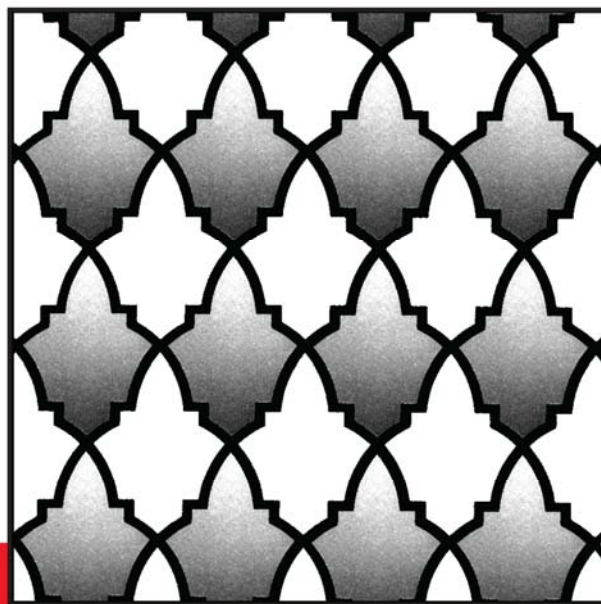
In case of garment dye migration, we recommend to print a **VIRUS NO SUBLIMATION BASE** as under-base that not only assures an excellent elasticity, but even improves the print durability and gives a smoother finish to the print.

PERFETTO also assures an extraordinary resistance to washing and crocking tests, proving to be more resistant than what is required by the most severe standards.

Main Features:

- High opacity.
- Good coverage.
- Fast curing.
- Excellent bleed resistance.
- Use as a first-down, underbase flash white or an overprint stand-alone white.

PERFETTO WHITE



technical sheet

COLOUR 1 - RECIPE	RATIO	SCREEN	COLOUR 2 - RECIPE	RATIO	SCREEN
NO-SUBLIMATION BASE	97	48/123	PERFETTO WHITE	100	48/123
SPECIAL RETARDER	3	GEL 3			GEL 3
		STANDARD			STANDARD
		SQUEEGEE			SQUEEGEE
		65-90-65			65-90-65
COLOUR 3 - RECIPE	RATIO	SCREEN	COLOUR 4 - RECIPE	RATIO	SCREEN
PERFETTO WHITE	100	120/305			
		GEL 3			
		STANDARD			
		SQUEEGEE			SQUEEGEE
		75-90-75			
PRINTER PARAMETERS	PRINTING PROCEDURE		SUITABLE ADDITIVES		
DRYER TEMPERATURE	160°C - 320°F	1	SPECIAL RETARDER:		
CURING TIME	2 MIN	2	Retarder designed to further improve HYDRA, GEO and PERFETTO screen ink stability.		
SQUEEGEE ANGLE	25°	3	Add 3-5% of SPECIAL RETARDER to the inks.		
PRINTING SPEED	MEDIUM		Formaldehyde and phthalate free.		
SCREEN CLEAN UP			HYDRA JET REDUCER:		
USE WATER			Viscosity reducer; add 1-3% to the ink.		
			To use only when the ink viscosity is extremely thick.		
			Formaldehyde and phthalate free.		
COMMENTS			UNIFIX LC:		
			Additive specifically designed to ensure the proper resistance to frequent washings at high temperatures.		
			up to 3% to be thoroughly mixed with the ink		
			Phthalates and formaldehyde free		
			Formaldehyde and phthalate free.		

DON'T ADD WATER TO THE INK BUT ONLY ADDITIVES

COLOUR 1	COLOUR 2	COLOUR 3	COLOUR 4