

# EVOLUTION



## NX SYSTEM DEFENDER DYE BLOCKERS

**NX6710 DEFENDER GREY**

**NX6711 DEFENDER BLACK**

Evolution **NX6710 Defender Grey Dye Blocker** and **NX6711 Defender Black Dye Blocker** are part of the Evolution NX System of PVC-free textile inks. Both blockers can be utilized as a direct-print first down under-base or, as last down backers for cold peel transfers. Either way they block dye molecules in 100% polyester dark colored garments that are prone to dye migration. The particles contained in both versions act as filters to stop dye molecules that try to migrate up through the ink film during the curing or heat transfer process. While NX6710 will prevent dye migration on most 100% polyester fabrics it may be necessary to utilize NX6711 when printing on 100% known to be nasty bleeding fabrics.

## CAUTION

Always test finished prints for color accuracy, curing, adhesion, opacity, crocking, stretch and desired look prior to beginning full production runs. Lancer Group International cannot guarantee the results or back claims that this ink will test PVC-free or phthalate-free if any pigment or additive other than an Evolution Pigment Concentrate or Evolution NX System additive that has been manufactured by Lancer Group International is used in this ink. Contamination can also occur from mixing tools, mixing buckets, spatulas, squeegees, or flood bars that have had prior contact with inks containing PVC or phthalates and these tools must be thoroughly cleaned before using with the NX System. No claim in this Technical Data Sheet is intended to guarantee Evolution NX6710 or NX6711 works and blocks dye migration on every 100% polyester dark fabric. Customer testing is required and should be implemented when printing any new product or unfamiliar fabric.

## TECHNICAL DATA



### IDEAL FABRIC

Poly Cotton Blends and  
100% Polyester Fabrics



### MESH

83-110/inch (16T-43Tcm)



### SQUEEGEE

70 Durometer  
70/90/70 Triple Durometer



### STENCIL

Any stencil compatible with  
plastisol inks.



### CURING

Gel 220°-240° F (99°-116° C).  
Full Cure--275°-320°F (135°-  
149°C) for 1 1/2 – 2 minutes



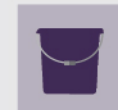
### PIGMENT LOADING

Cotton / Poly Cotton Blends



### ADDITIVES

NX6390 Viscosity Reducer 1-  
3% by weight if necessary.



### STORAGE

60°-90° F (15°-32° C)



### CLEANING

Enviro Series 2000 Green  
Enviro Series TR Blend.



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