

Excalibur

Technologically Superior Ink



X150 NYLON BONDING AGENT

Printing nylon fabrics such as umbrellas or windbreakers is no longer a hassle with Excalibur's X150 Nylon Bonding Agent promotes adhesion on woven nylon fabrics such as umbrellas or nylon windbreakers. Simply add 10%-15% by weight of X150 to any Excalibur 500PF Series colour and mix thoroughly. While X150 and 500PF Series inks will adhere to many nylon fabrics, testing should be performed on the particular nylon that is being printed. X150 has a longer pot life than competitive brands of the same type product. Also, customers are not charged a "dangerous goods" surcharge by carriers because X150 is not listed on the Dangerous Goods list. The mixed ink requires no special curing procedures as it will cure at 320° Fahrenheit/160° Celsius.

FEATURES AND BENEFITS

- Easily mixes into Excalibur 500PF Series inks to promote adhesion on many woven nylons.
- Does not react with humidity and will stay open in screen longer. Mixed ink will also have a longer pot life.
- X150 is not considered dangerous and can ship by regular courier service without any surcharges.
- Completely phthalate-free and lead-free formulation complies with all standards of Consumer Product Safety Improvement Act (CPSIA) banning phthalates and heavy metals in textile-printing inks.

TECHNICAL INFORMATION

Mixing: Add 10% by weight of X150 to any 500PF Series ink and mix thoroughly.

Gel Temperature: Ink will gel on surface at 240° F (116° C).

Curing: Ink film will fully cure when the entire ink film reaches 320° F (160° C.) and held at this temperature for at least 15 seconds.

Mesh: Mesh sizes between 110-200/inch (43T-80Tcm) produce excellent results.

Stencil: Any emulsion that produces a stencil compatible with plastisol inks is recommended.

Modification: None recommended.

Squeegee: 70 durometer or 90/70/90 triple durometer blades are recommended.

Printing Technique: A print/flash/print technique may be necessary to produce desired results on dark backgrounds.

Clean-up: Use Enviro Series 2000 Green or Enviro Series TR Blend.

TESTING FOR ADHESION

Because no post hardening occurs after curing, the print may be tested for adhesion immediately after cooling.

CAUTION

Always test finished prints for curing, adhesion, bleed-resistance, opacity and desired look prior to beginning full production runs. Lancer Group International cannot guarantee the results or back claims that this mixed ink will test phthalate-free if this product is used with any other plastisol ink other than plastisol inks manufactured by Lancer Group International. Test results by a third-party laboratory verifying that Excalibur plastisol inks are phthalate-free and lead-free are available upon request.



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