



# F10 Elastic Adhesive

PLW - PNP - NPP

Technical Data Sheet

**F10 Elastic Adhesive** is designed to boast excellent adhesion to fabrics with a soft-hand, producing great results in flock, foil and caviar beads applications. Furthermore, when printed as an underbase, gives excellent elasticity to many stretch fabrics. For flock and caviar beads prints, K10 Catalyst should be added. F10 Elastik Adhesive can also be used as a base for glitter sprinkling.

## FEATURES

- Has a very high elasticity, and can be printed as an underbase on lycra.
- Being very transparent, this ink can be printed on colors to build a protective and bright ink layer.
- Brings out excellent results in flock and bead printing.
- Brings out good results in foil printing.
- Is suitable to be mixed with any color from its own series.
- Ready to print.
- Very soft hand.
- Excellent fastnesses.
- Very low wet ink tack.
- Denims that are flock printed with F10 can be stone-washed.

## PRINTER'S GUIDE

Bleed Resistance	Excellent
Stencil Type	Direct, indirect, and capillary films.
Mesh (underbase on lycra)	54-61 t/cm (137-156 t/in)
Mesh (for flock and caviar beads printing)	27 t/cm (70 t/in)
Mesh (for foil printing)	43-61 t/cm (110-156 t/in)
Thinning (PLW)	PLW-G10 Glitter Clear / Up to 15% by weight ( <i>recommended</i> ) or PLW-S10 Viscosity Reducer / 1-3% by weight
Thinning (PNP, NPP)	PNP/NPP-S10 Viscosity Reducer / 1-3% by weight
Thickening	PLW/PNP/NPP-Y10 High Density Clear / Up to 15% by weight
Catalyst (PLW, PNP)	PLW/PNP-K10 Catalyst / Up to 1% by weight The ink must be catalysed when printing flock and beads. The catalyzed ink has a shelf life of 6 hours.
Curing Information (for flock and beads printing)	150-170°C (302-338°F) / 1,5-2 minutes for two times. However, factors such as ink film thickness, curing equipment and fabric may influence the optimum cure time.
Curing Information (for foil printing)	120-150°C (248-302°F) / 40-60 seconds Then at 165-170°C (329-338°F), pressure should be applied onto the foil for 10-15 seconds with 5-6 bars pressure.
Storage	5-30°C (41-86°F). Avoid direct sun.
Cleanup	Mineral spirits and some other non-hazardous screen washes.

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