

Technical Data Sheet

AMAGIC Textile Foil Adhesive TDS

AMAGIC Foil Adhesive, is a PVC/phthalate/formaldehyde free water based foil adhesive. This soft, flexible adhesive provides for a soft hand for high end fashion and crisp edge definition for a clean look. It is production friendly, easy to print and the foil peels like butter after application. The final result is a clean foil image with excellent wash resistance for long lasting wear.

PRINTING PARAMETERS

Screen: 83-137 (32s-55 metric)
 Squeegee Angle: 25°
 Printing Speed: Medium

PRINTING PROCEDURE

Print double stroke
Smart tip: make sure your screen is at proper tension (25 N/cm²)
Smart tip: a thicker than normal EOM stencil will result in better coverage
Smart tip: use a small quantity of adhesive at a time, replenish frequently
Smart tip: sheer (don't push) the adhesive through the screen
 If your need to re-wet the adhesive use our Reducer, do not use water.
Smart tip: to maintain viscosity longer in the screen add 3%-5% Retarder)

CURING

Dryer Temperature: 160°C / 320°F
 Curing Time: 2 minutes

SCREEN CLEAN UP

Use Water

AVAILABLE SIZES

Quart (1kg)
 Gallon (4kg)



ADDITIVES

T-VRETARDER Retarder is designed to extend life of the adhesive in the screen. Add 3%-5%. (RSL compliant)
 T-VREDUCER To reduce viscosity, add 1%-3%. (RSL compliant)
 T-VFIXER Improves wash and rub fastness, add 5%-10%. (RSL compliant)

FOIL APPLICATION

1. Cut the textile foil to the desired shape and place it, color side up, over the area to be foiled.
2. Temperature: 280-320°F (137-160°C)
3. Pressure: Firm or 50-85 psi (3.5-6kgf/cm² or 3.4-5.9 bar).
4. Dwell Time: 8-15 seconds (depending on your heat press).
5. For best results, cool then peel foil away.

This is a typical print and transfer process. We recommend that you test the suitability of our foil for the field of application intended and under the printing and transferring conditions at your facility. Adjust appropriately until the desired results are achieved.

A note about temperature, time and pressure:

Foil does not need temperature to work. Foil will transfer cold to packaging tape because the tape itself is super tacky. It is the adhesive that needs the temperature and time to become tacky and uses pressure to make good contact. However, too much heat can damage the foil color and its release capabilities. Avoid high heat.