

DESCRIPTION

NG Flock Adhesive is a press-ready plastisol for printing paper substrates that will have Flocking fibers applied. Prevents paper from distorting due to moisture and provides maximum adhesion to the flocking fibers.

APPLICATION

ColorBooster primary colors may be added to the NG0165 for custom colors at a maximum of 10% by weight. NG Flock adhesive is applied by printing through an **86 - 110 mesh** screen using a sharp 70-durometer squeegee. After adhesive is applied to substrate, flock as you would with other adhesives. Proceed into heat chamber to reach a temperature of **310 - 320 degrees f.** As product cools, the adhesion is maximized.

SPECIFICATIONS

Viscosity: 15,000 - 18,000 cps.

Measured on a Brookfield Viscometer

Spindle - # 6

Temperature - 75 degrees f.

Time - Take read after 30 seconds

Note: Hand stir for 3 min. prior to checking viscosity.

Pounds per gallon - 9.6

RECOMMENDED PRINTING TECHNIQUES

- Examine the flood bar and smooth edges if necessary.
- Adjust the flood to just transfer the ink from the front to the back of the screen.
- Transfer ink to the fabric surface with a light squeegee pass using just enough pressure to clear the mesh.

SPECIAL RECOMMENDATIONS

Plastisols are THERMOPLASTIC, requiring heat for fusion. Test print area for crock fastness. Should color rub off on white cloth, adjust oven temperatures and/or dwell time until crock test passes (cloth wipes clean). Do not iron image area.

Any application not referenced in this technical data should be pretested or consultation sought with Rutland's Applications Laboratory prior to printing.

TECHNICAL DATA

Wet Ink Tack	High
Printability	Good
Surface Appearance	Thick ink film=glossy
Opacity/Viscosity	Low / Low
Bleed Resistance	None
Gel Point / Flash Temp	320 F/160 C
Squeegee Hardness	70-80 durometer
Squeegee Blade/Angle	Sharp / 45 degrees to screen mesh
Squeegee Speed	Maximum speed
White Underlay	N/A
Emulsion	Direct or Capillary film
Mesh Count	86 - 110 mc./in.
Screen Tension	20 Newtons or more
Extender	N/A
Thinner	M00012 Quick Detack
Thickener	Not recommended
Storage	65 F to 95 F. Avoid direct sun
Cleanup	Non-hazardous screen washes
MSDS	#1A
Color Range	Clear & Black Flock Adhesive
Substrate Type	Paper
Substrate Color(s)	Any

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