

FEATURES

- Press ready plastisol for printing on dark 100% cotton and over a low bleed under lay.
- Colors created by using Color Boosters at up to 50%.
- Creamy plastisol for easy printing.
- Low tack formulation for fast shearing action.
- User friendly, no modifications necessary.

DESCRIPTION

MP0137 Sponge Puff was developed as a soft hand puff product for creating a soft, more durable puff print.

APPLICATION

Print MP0137 on 100% Cotton, as a mixed color, or over a low bleed underlay white for poly/cotton. For best results print Sponge Puff through a 60 m.c. /in. (24 m.c. /cm.) mesh count. Finer mesh counts may be used when printing on top of other inks, such as High Density, to give a soft puff finish.

RECOMMENDED PRINTING TECHNIQUES

Manual Machine Printing

- Load ink into mesh opening with soft, sharp squeegee.
- Only the image area should be filled with ink.
- Transfer ink to the fabric surface with a light squeegee pass using just enough pressure to clear the mesh.

Automatic Machine Printing

- 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 - Low

After Flash Tack - Low

Printability - Good

Surface Appearance - Dull

Opacity/Viscosity - High/High

Bleed Resistance - N/A

Gel Point / Flash Time - 165°F. / decreases with deposit thickness

Fusion Temperature - 320° F.

Squeegee Hardness/ Blade/ Angle - Soft/ Sharp/ 45°

Squeegee Speed - Medium to High

Underlay - Low Bleed for poly/cotton

Emulsion - Direct, Indirect, or Capillary Film

Mesh Count - 60 m.c. /in. (24 m.c. /cm.)

Extender - N/A

Thinner - N/A

Storage - 65°F to 95°F. Avoid direct sun

Cleanup - Non-hazardous and Bio-degradable screen wash

MSDS - #3

Color Range - MP0137 Sponge Puff Base

Substrate Type - 100% Cotton and 50/50 Poly/Cotton with a low bleed underlay.

Substrate Color(s) - Light, Medium, & dark fabrics.

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