



QS-9000/ISO 9001 Registration #60047

Technical Data Sheet:

230

Date:

November 12, 2002

Product:

RF Reflective Series

FEATURES

- Press ready plastisol for printing on white and dark fabrics.
➤ User friendly, no viscosity modifications necessary.
➤ Excellent adhesion characteristics.
➤ Excellent wash fastness.
➤ Multiple colors possible.
➤ Excellent reflectivity for decorative applications.

DESCRIPTION

RF Plastisol is designed for printing through 86 m.c./in. (34 m.c./cm.) mesh count onto white, light and dark 100% cotton fabrics. Stretch after cooled to test for proper fusion. Wash and dry 5 cycles as an optional test for fusion.

APPLICATION

■ Gray
Print directly onto light or dark substrates through 86 mc./in. (34 mc./cm.) mesh using medium to hard squeegee.

■ Clear
Print wet-on-wet over Rutland NH Jewel Tone Plastisols to achieve multiple colors.

RECOMMENDED PRINTING TECHNIQUES

Manual Machine Printing

- ❑ Load ink into mesh opening with hard sharp squeegee.
❑ Only the image area should be filled with ink.
❑ Transfer ink to the fabric surface with a heavy squeegee pass.

Automatic Machine Printing

- ❑ Examine the flood bar and smooth edges if necessary.
❑ Adjust the flood bar as closely to the screen as possible, to fill the mesh with ink.
❑ Transfer the ink to the garment with a heavy squeegee pass.

SPECIAL RECOMMENDATIONS

Plastisols are THERMOPLASTIC, requiring heat for fusion. Stir plastisols prior to printing. Do not dry clean. Do not use bleach. Do not iron image area. Available in 1, and 5-gallon containers.

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 - N/A Print in last position

Printability - Good

Surface Appearance - Reflective

Opacity/Viscosity - High/Medium

Bleed Resistance - N/A

Gel Point / Flash Time - 160°f. / decreases with deposit thickness

Fusion Temperature - 320° f.

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

Squeegee Speed - Medium to High

Underlay - Jeweltone Silver

Emulsion - Capillary Film, Direct Emulsion

Mesh Count - 86 m.c. In. (34 mc. Cm.)

Extender - M00001 Viscosity Reducer

Thickener - N/A

Storage - Cool dry area. Avoid direct sun

Cleanup- Non-hazardous screen washes

MSDS - #1

Color Range - RF0000 Clear RF0100 Gray

Substrate Type - Cotton or 50/50 Poly

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

Note: Stir prior to use!

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