

## FEATURES

- Press ready plastisol for printing on nylon mesh fabrics.
- Creamy, short body plastisol for easy printing.
- Tack free formulation for fast shearing action.
- User friendly, no viscosity modifications necessary.
- Increase ink mileage with finer mesh counts.
- Standard athletic white for underlay and highlight applications.

## DESCRIPTION

NM9036 has been formulated to provide ultimate opacity and creamy viscosity. Additional adhesion and stretch has been incorporated into this formula for printing on 100% nylon mesh fabrics.

## APPLICATION

The creamy viscosity allows the use of fine mesh counts for crisp edge definition, improved detail and wash results. Print through 86 to 110 mesh (34 to 43 mc/Cm.) for maximum coverage and durability.

## 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 proper curing. Wash for a minimum of 5 wash/dry cycles to test for cure. Stir plastisols prior to printing.

Do not dry clean.  
Do not use bleach.  
Do not iron printed 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, Tack free

**After Flash Tack** - Decreases with increase mesh

**Printability** - Excellent, for fast production

**Surface Appearance** - Thick ink film = glossy

**Opacity/Viscosity** - Medium/Medium

**Bleed Resistance** - None

**Gel Point / Flash Time** - 165°F(71° C.)

**Fusion Temperature** - 320°F/160°C

**Squeegee Hardness/ Blade/ Angle** - 70-80 durometer/ Sharp/45 degrees to screen mesh

**Squeegee Speed** - Maximum

**Underlay** - N/A

**Emulsion** - Direct, Indirect, Capillary film

**Mesh Count** - 86-110 m.c./in. (34-43 m.c./cm.)

**Extender** - NM0053 Clear Base

**Storage** - 65°F to 95°F.( 18°C. to 33°C.)  
Avoid direct sun

**Cleanup** -Bio-degradable screen wash

**MSDS** - #1

**Color Range** -NM9036 American White

**Substrate Type** - Nylon Mesh Jerseys (**not for Polyester**)

**Substrate Color(s)** - Light, Medium, and Dark

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