



Technical Data Sheet #250

Revised 07/13/08

Wet Ink Tack	Ink specific
After Flash Tack	Ink specific
Printability	Ink specific
Surface Appearance	Ink specific
Opacity/Viscosity	Increases
Bleed Resistance	N/A
Gel Point/Flash Time	Ink Specific
Fusion Temperature	Ink Specific
Squeegee Hardness	Ink Specific
Squeegee Blade	Ink Specific
Squeegee Angle	Ink Specific
Squeegee Speed	Ink Specific
Underlay	Ink Specific
Emulsion	Direct, Indirect emulsion or Capillary Film
Mesh Count	Ink Specific
Thickener	N/A
Storage	65°F to 95°F (18°C to 35°C). Avoid direct sun.
Cleanup	Bio-degradable screen wash
MSDS	#61
Substrate Type	Ink specific

Reducers, Thickener , & Modifiers

M00004 Liquid Thickener

Description

M00004 Liquid Thickener mixes into plastisols to raise the viscosity. Higher viscosity inks will normally print with more opacity.

Features

- Easy to mix and can be mixed in by low shear mixing.
- Thickens Rutland *plastisols to allow them print with more opacity.

*M00004 is ink dependent and may not work with every Rutland ink. Mix thoroughly in a small sample and test after 2 hours before adding to large quantities of ink.

Application

Mix M00004 Liquid Thickener into plastisol at 1/2% up to a 1% maximum. Mixing should be with a mechanical stirring device but can be hand stirred into small batches (quarts and gallons). Do not over mix to the point to creating high friction (heat) as it could cause the plastisol to gel causing lumps.

After mixing, wait a minimum of 2 hours before printing or testing for viscosity.