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WB0572 Foaming Binder/Puff Base

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** | Medium/Low
- **Bleed Resistance** | None
- **Flash Temperature** | 160°F (71°C)/decreases with deposit thickness
- **Cure Temperature** | 320°F-370° (160°C-188°C)
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | Substrate dependent
- **Emulsion** | Direct or indirect
- **Mesh Count** | 60-110 mc in (24-43 mc cm)
- **Thinner** | RV Additive
- **Thickener** | Thickener B
- **Storage** | 65°F to 95°F (18°C to 35°C). Avoid direct sun.
- **Cleanup** | Water and mild soap or detergent
- **Color Range** | Milky
- **Substrate Type** | All
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

Foaming Binder/Puff Base is a high concentration foam/puff for creating 3D prints. You can blend “**Neo Pigments**” up to 15% directly in to the base to create a variety of colors.

Features

- Easy to mix and print
- Create thousands of color shades by adding up to 15% Neo Pigments
- More heat and time in dryer create more loft
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- OEKO-TEX® Compliant, CPSIA and HR4040 Compliant
- Is “**PVC Free**” and environmentally safe

Application

Print through mesh up to 110 mc in (43 mc cm) when cured between 320°F-370°F (160°C-188°C), **Foaming Binder/Puff Base** produces the softest prints achievable in textile screen printing today.

Special Recommendations

Foaming Binder/Puff Base should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make **Foaming Binder/Puff Base** test positive for restricted PVC's.

- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Fixer WF-N 1-5% to help with wash fastness**
- **Use Softener MG 1-4% to help penetrate in to the garment**
- **Use Thickener B .25-1% to help thicken the ink**
- **Use RV Additive 1-3% to reduce viscosity**