



SILKFLEX POLYMERS SDN BHD (545022-T)

No.98, (Lot 9115), Jalan Tengah KS10 Telok Gong,
42000 Pelabuhan Klang, Selangor Darul Ehsan, Malaysia
Tel: +6-03-31341702 / 1703 / 1260 Fax: +6-03-3134 1670
Email : silkflexpolymers@hotmail.com
Website : www.silkflex.com.my
GST Reg. No.: 000094011392

NW WHITE/CLEAR

Water-based Silkscreen Binder Paste for Non-woven Fabric

| Type | Chemical Composition | Supplied Form | Ionicity | pH |
|----------|---------------------------|--|----------|----|
| NW White | Titanium dioxide + binder | High viscosity white paste | Anionic | >7 |
| NW Clear | Binder concentrate | High viscosity translucent white paste | Anionic | >7 |

Properties

NW White/Clear are formulated for high gloss silkscreen printing on non-woven (NW) fabric. Unlike conventional solvent-based NW inks, NW White/Clear are water-based and, low in odour and toxicity. NW White/Clear provide excellent adhesion, flow, leveling and durability and are suitable for solid, process or spot printing on NW fabric.

NW White - Highly opaque with brilliant white tone. Suitable for prints on dark NW fabric.

NW Clear - Transparent and high gloss. Suitable for colour prints on white and light colour NW fabric. Well suited for process, spot and solid colour prints.

NW White can be mixed with NW Clear in any ratio in order to adjust the opacity of print.

Application Procedure

Stir Silkflex colour concentrates directly into Silkflex White or Silkflex Clear or combination with 10-30% dilution with water and silkscreen print onto NW fabric. Silkflex White/Clear are fast drying and prints can be touch dry in a matter of seconds by blowing with a hairdryer. It is not necessary to cure the prints at high temperature but it is imperative to allow for complete drying before stacking. Prints will dry in ~1 hr. at ambient temperature. NW White/Clear are thixotropic and can become more viscous when left standing for prolonged periods of time. However, the viscosity will reduce with stirring or agitation during the usual process of printing. Small amounts of clean water can be added to reduce viscosity if necessary. NW White/Clear are suitable for silkscreen prints with screen mesh sizes of 1200-3050.

Storage

Do not exceed one year from date of manufacture. Protect from frost (>5°C). Keep lids tightly closed at all times after use.