

ELASTISOL VELVET WHITE / CLEAR

Water-based Binder Paste for Velvet effect Textile Silkscreen Printing

Type	Chemical Composition	Supplied Form	Ionicity	pH
Elastisol Velvet White SVW-502	Titanium dioxide + binder	High viscosity white paste	Anionic	>7
Elastisol Velvet Clear SVC-503	Binder concentrate	High viscosity pale yellow paste	Anionic	>7

Properties

Elastisol Velvet White / Clear are formulated to be suitable for flexible and soft handfeel silkscreen prints on cotton based fabric. Nylon Oxal, which is a formaldehyde-free fixer, can be added if required. The Elastisol Velvet White / Clear series provide a matt velvet finish with the regular silkscreen printing technique. The Elastisol Velvet White / Clear grades differ in terms of opacity and are used based on the required colours of the print and of the fabric. The Elastisol Velvet White / Clear series is environment friendly and is completely free of the following chemicals: formaldehyde, phthalate, polyvinyl chloride (PVC), azo, lead, chromium, mercury, nickel, tin, chromium and aromatic solvents.

Elastisol Velvet White SVW-502 – Highly opaque and elastic with brilliant white tone. Suitable for prints on dark fabric.

Elastisol Velvet Clear SVC-503 – Transparent and highly elastic. Suitable for colour prints on white and light colour fabric.

Application Procedure

Elastisol Velvet 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. Elastisol Velvet White / Clear are suitable for silkscreen prints with screen mesh sizes of 100-130. For finer screen prints (150-200) the addition of Humidifier is recommended to reduce potential clogging of the screen. Elastisol Velvet White / Clear are formulated without formaldehyde-containing fixers. The potlife after the addition of Nylon Oxal is 8 hrs. It is recommended that Nylon Oxal be added right before printing and not left overnight. After drying, the prints are fully cured at 150°C – 160°C for ~2 min.

Storage

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