

GL 2134 GLOBAL PTF LIQUID THICKNER



THE GLOBAL
TEXTILE CHEMICALS

GL 2134 GLOBAL PTF LIQUID THICKENER is a high-performance textile screen printing auxiliary, part of the GLOBAL PHTHALATE FREE PLASTISOL SERIES. This phthalate-free, plastisol-based product is specifically designed to increase the thickness of screen printing dyes and pigments, while offering a soft touch finish and superior washing resistance. One of its primary advantages is that it enhances the consistency of printing pastes without hardening the fabric. The product maintains color stability and fabric integrity, ensuring that there is no shrinkage or color change after washing. It is both PVC-free and phthalate-free, aligning with eco-friendly and safety standards in textile printing. To formulate the mixture, combine 100 grams of PTF pantone matched colours with 2 to 3% of GL 2134 Liquid Thickener if needed, adjusting based on the desired thickness. Stir thoroughly before use. Once layered adequately, a final print is applied over the dried surface. The curing process should be carried out at 160°C for 3 minutes to ensure optimal adhesion and durability.

This product is highly valued for its wash resistance, which remains effective even after repeated laundering cycles. However, it is important to note that wash testing should be done only after a 24-hour curing period. The thickener does not compromise the feel or flexibility of the fabric, making it ideal for delicate or soft textiles. In addition to performance, it supports sustainable printing practices by being free of hazardous components.

GL 2134 is suitable for various textile printing needs and helps achieve vivid, durable prints without compromising comfort. It should be stored in a cool, dry place, at temperatures between 65°F and 95°F (18°C – 35°C). The container must be sealed tightly after each use to prevent drying, contamination, and moisture ingress. The shelf life of the product is 12 months from the manufacturing date when stored under recommended conditions. Regular stirring before use ensures consistent results.

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