

# GL 2126 GLOBAL PTF REDUCER



GL 2126 GLOBAL PTF REDUCER is a phthalate-free, plastisol-based product from the GLOBAL PHTHALATE FREE PLASTISOL SERIES designed for textile screen printing. It is primarily used to reduce the viscosity of printing inks while maintaining their print quality and performance. This product helps achieve a smoother, softer print effect with excellent wash durability. It is very easy to use and formulated to be eco-friendly and safe for textile applications. GL 2126 does not alter the original color tone or cause shrinkage of the print after washing. It is completely free from both PVC and phthalates, making it a safe and sustainable option. The product is used by blending it with PTF standard colors at a ratio of 2–3%, depending on the desired consistency.

For example, use 97% PTF Pantone matched Colours and 2–3% PTF Reducer to achieve optimal viscosity. The mixture should be stirred thoroughly before use to ensure a uniform blend. Apply one layer of the prepared mixture to the fabric and pre-dry using flash or air drying. If needed, repeat the process and apply a second layer over the dried print. GL 2126 can be used directly from the container without any dilution or modification. It enables smooth application through both manual and automatic screen printing machines. The reducer helps enhance the flow and printability of thicker inks on different fabric types. Curing is carried out as usual at 160°C for 3 minutes to ensure long-lasting print results. The product does not affect the curing time or final finish of the print.

It is suitable for a wide range of textile materials including cotton, blends, and synthetics. The shelf life of GL 2126 is one year from the date of manufacture. It should be stored at a temperature between 18°C and 35°C (65°F - 95°F) in a cool, dry area. Ensure containers are tightly closed when not in use to prevent drying, contamination, or exposure to humidity.



#### IDEAL FABRIC

100% cotton or polyester blends



#### CURING

N/A (Determined by ink the additive/reducer is mixed with)



#### STORAGE

In cool dry and properly closed (18°C to 32°C)



#### MESH

N/A (Determined by ink the additive/reducer is mixed with)



#### ADDITIVES

Not Applicable



#### APPLICATION

Not applicable on this product sheet



#### CLEAN UP

Any eco friendly solvents for screen wash



#### SQUEEGEE & STENCIL

Water resistant emulsion

The Global Inc.(India)

4/18 3rd cross street, (opp. Vinayagar Temple),  
Karuvampalayam,  
Tirupur -641 604

+91 424342677, 4324677

www.theglobalchem.com

sales@tgllbm.com  
info@tgllbm.com