

GL 2129 GLOBAL PTF THERMOGEL



GL 2129 GLOBAL PTF THERMOGEL is a phthalate-free, plastisol-based textile screen printing ink from the GLOBAL PHTHALATE FREE PLASTISOL SERIES. It is designed for blending with beads, foil, flock, and glitter to achieve decorative prints with a soft touch and high wash resistance. This product performs well on all types of fabrics, making it highly versatile for textile printing applications. PTF Thermogel acts as a common gel with excellent temperature tolerance, making it suitable for various printing techniques. It is free from both PVC and phthalates, ensuring safety and environmental compliance. The product comes in a half-white paste form with a solvent-based nature and a pH level between 6.5 and 7. It is used directly from the container without the need for dilution or additives.

Typically, one layer is printed, pre-dried or flash dried, and then additional mixtures are layered on top. PTF Thermogel enables the creation of textured and eye-catching prints when combined with specialty additives. Curing is done by applying one layer of the recommended ink and heating it at 160°C for 3 minutes. This ensures strong adhesion to fabric and high resistance to repeated washing. It maintains a soft hand feel on printed garments even after multiple uses. The gel is suitable for both manual and automatic screen printing machines. It is especially effective for fashion prints, decorative accents, and premium garment finishes.

PTF Thermogel has a shelf life of one year from the date of manufacture. It should be stored in a cool and dry environment with a temperature range of 18°C to 35°C (65°F to 95°F). Containers must be kept tightly sealed to avoid drying, contamination, and moisture exposure.



IDEAL FABRIC

100 % cotton or polyester blends



STORAGE

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

MESH

11-200 Mesh



ADDITIVES

Not Applicable



PIGMENT LOADING

6-10 % by weight



CLEAN UP

Any eco friendly solvents for
screen wash



SQUEEGEE & STENCIL

Water resistant emulsion

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