

GL 4224 GLOBAL AKRY SOL REDUCER



THE GLOBAL
TEXTILE CHEMICALS

GL 4224 GLOBAL AKRY SOL REDUCER is a specialized product within the water-based GLOBAL AKRY SOL SERIES, developed specifically for textile screen printing applications. It is a PVC and phthalate-free, solvent-based product formulated to effectively reduce the viscosity of screen printing dyes without altering their fundamental properties. Designed to enhance printability, it offers low tacking characteristics, ensuring smooth operation during printing. The reducer provides a flexible ink film that preserves the softness of the fabric, making it ideal for high-quality fabric printing where maintaining the fabric's hand feel is crucial. It significantly improves the definition and clarity of fine lines, resulting in sharp, detailed prints.

An outstanding feature of GLOBAL AKRY SOL REDUCER is its super delayed drying capability, which greatly reduces the risk of mesh clogging during extended printing sessions. The recommended mixing ratio is between 2% and 3% by weight, meaning 97–98 parts GLOBAL AKRY SOL PANTONE MATCHED COLOUR should be mixed with 2–3 parts GLOBAL AKRY SOL REDUCER. Stirring well before use ensures a consistent and homogeneous mixture. It is advisable to conduct a trial before starting mass production to fine-tune the formulation under specific local conditions, such as water hardness or specific equipment settings.

For optimal performance and to maintain the quality of the product, careful attention must be paid to shelf life and storage instructions. The shelf life of GLOBAL AKRY SOL REDUCER is one year from the date of manufacture. It should be stored in a cool and dry environment, ideally maintaining a temperature between 65°F and 95°F (18°C to 35°C). To prevent drying, humidity absorption, and contamination, containers must always be kept tightly closed when not in use. Proper storage ensures the reducer retains its original performance characteristics throughout its shelf life.



IDEAL FABRIC

100 % cotton or polyester blends



STORAGE

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



ADDITIVES

Not Applicable



CLEAN UP

Any eco-friendly solvents for
screen wash



CURING

160°C for 3 minutes



MESH

11-200 Mesh



APPLICATION

Not Applicable(Determined
by ink the reducer is mixed with



SQUEEGEE & STENCIL

60-75 duro meter sharp,
beveled or round depending on ink used

The Global Inc.(India)



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



+91 424342677,4324677



www.theglobalchem.com



sales@tglibm.com
info@tglibm.com