

GL 7013 GLOBAL AQUA FOAM



Global Aqua Foam, high-performance special effects printing medium designed to create stunning effects on fabrics. When mixed with Global Pigment Colours, it serves as a versatile base for achieving a wide range of colours and unique visual effects. Upon heating, the ink undergoes a dramatic swelling process, resulting in a vertical rise that enhances the dimensional quality of prints. This 3D transformation ensures excellent definition, although some lateral expansion may occur during curing. Despite this slight spread, the final print maintains its sharpness and clarity. The texture of the cured print is soft yet durable, providing a distinctive tactile experience.

With its superior adhesion, Global Aqua Foam firmly bonds to various fabric types, ensuring long-lasting results. Its compatibility with diverse pigments allows for endless creative possibilities in textile printing. The foam's expansion properties enable intricate designs to stand out with exceptional detail. Ideal for fashion, branding, and artistic applications, it offers an innovative way to elevate textile designs.

It contains thermal expandable microspheres that expand when exposed to heat, creating a raised texture on the fabric. This effect is achieved by curing the print at approximately 160°C, where the microspheres expand, and the binder undergoes cross-linking. As a result, the foam print develops excellent durability and fastness properties, ensuring long-lasting performance. The combination of expansion and cross-linking enhances the texture, making it ideal for high-quality, visually striking textile designs.

IDEAL FABRIC

100 % cotton or polyester blends

STORAGE

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

ADDITIVES

3 % AquaFix additives if need add

CLEAN UP

Wash off screen using water and mild detergent

CURING

160°C for 3 minutes

MESH

35-70 micron range

APPLICATION

Pantone matched water based aqua color
70 - 80 %
Aqua Foam 20-30 %

SQUEGEE & STENCIL

Solvent and water resistance emulsion or capillary film in 35-70 micron range
60-70 Duro meter sharp, beveled or round

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