

GLOBAL AQ FOAM



Global AQ Foam is a specialized foam binder designed for textile printing applications. It contains thermal expandable microspheres, which play a crucial role in achieving the desired foam effect on fabrics. When applied to textiles, this binder undergoes a transformation during the curing process. The curing process typically takes place at around 160°C, a temperature at which the microspheres expand and the binder undergoes cross-linking. This expansion process gives the print a unique raised, foamy texture, enhancing both the visual and tactile appeal of the fabric. One of the key benefits of Global AQ Foam is its strong adhesion to textiles, ensuring that the printed design remains intact after multiple washes.

It is particularly valued for its ability to create high-density 3D prints that add depth and dimension to textile surfaces. Another advantage of Global AQ Foam is its compatibility with various textile materials, including cotton, polyester, and blended fabrics. Additionally, this foam binder offers good color retention properties, ensuring that the printed designs maintain their brightness and vibrancy over time. The binder's formulation is designed to provide superior flexibility, preventing cracks or peeling in the printed area.

Another crucial aspect is its resistance to heat and chemicals, ensuring that the printed fabric remains unaffected by environmental factors. The foam printing effect can be controlled by adjusting curing conditions, application thickness, and ink formulations. Overall, Global AQ Foam is a high-performance binder that enhances textile printing by providing raised, durable, and visually appealing designs. Its advanced formulation ensures reliable results, making it a preferred choice in the textile printing industry.

IDEAL FABRIC
100 % cotton or polyester blends

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

ADDITIVES
Not Applicable

CLEAN UP
Wash off screen using water and
mild detergent

CURING
160°C for 3 minutes

MESH
Not applicable,
according to the special effect

APPLICATION
Recommended ratio of additive to
ink is 10 to 30 % by weight

SQUEEGEE & STENCIL
Solvent & Water resistant emulsion
60 to 70 duro meter sharp beveled edge

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