

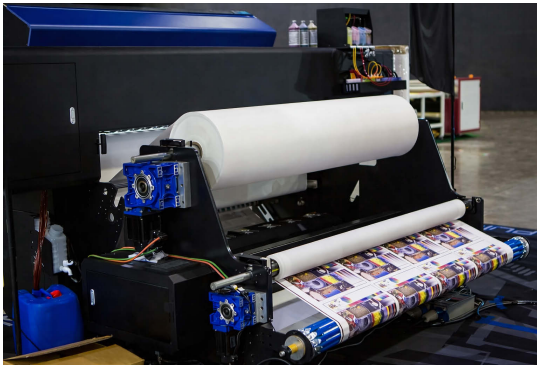


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Aquaprint 400R

Aquaprint 400R is a low-VOC synthetic textile printing thickener designed to deliver high viscosity, smooth paste formation, and clean removal during washing. Based on a cross-linked polyacrylate system, Aquaprint 400R provides consistent thickening performance across a wide range of textile dye printing applications.

The product is engineered to partially or fully replace natural gums, offering improved consistency, processing control, and ease of use.



Performance and Economy

Aquaprint 400R provides high viscosity at low use levels, enabling efficient thickening and consistent print definition across multiple dye systems. The polymer forms smooth, stable pastes and maintains performance during printing and fixation processes.

As a low-VOC, highly efficient thickener, Aquaprint 400R allows for reduced usage rates compared to traditional natural gums, improving process efficiency and overall cost performance.

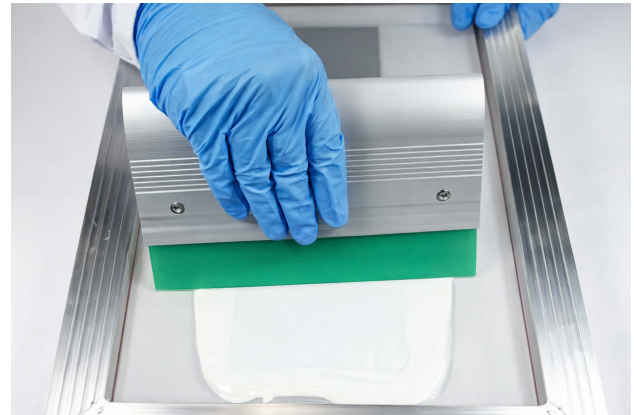
Because the product is a sodium salt-based system, it is easily removed during standard washing processes, supporting clean fabric finishes and consistent post-printing results.

Note: Product information provided is intended as a general guideline. Each operator should perform its own testing and evaluation to determine appropriate formulations and processing conditions for specific dye systems and substrates.

Applications:

Aquaprint 400R is designed for textile printing systems requiring high-efficiency thickening and consistent viscosity performance.

- Multi-dye textile printing – Suitable for acid, reactive, disperse, vat, and azoic dye systems
- Natural gum replacement – Replaces or reduces reliance on alginate, guar, and other natural thickeners
- High-performance printing pastes – Provides smooth paste formation and consistent print definition



Environmental

Aquaprint 400R is a low-VOC formulation, designed to support improved environmental and workplace conditions compared to traditional solvent-based systems.

The product is readily removable during standard washing processes, helping ensure clean fabric finishes and efficient downstream processing.

Characteristics

- Appearance White Liquid
- pH 5.5-7.5
- Viscosity (1.6% solution) 25,000-30,000cp

Application

- Multi-dye printing
- Natural gum replacement
- High-performance printing pastes

Packaging and Product Form

- 286 lb Drum