

PRODUCT DESCRIPTION

FUZE is an HDA (high density allotrope) non-ionic silver textile finish designed to eliminate microbial activity over the life of a variety of fabric types. It can be applied using pad application during the textile manufacturing process. FUZE is a broad-spectrum textile finish comprised of a high density, non-ionic allotrope of silver for optimal efficacy using extremely low dosage and high wash durability. It does not require any additional binder or curing. FUZE can be used as dilution for other water-based textile application.

When properly applied, FUZE does not negatively impact fabric hand or shade at any application level. Prior to commercial implementation, the user should always evaluate the suitability of FUZE for formulation with current application to their specific material.

PRODUCT CHARACTERISTICS

Product Form	Pale yellow translucent colloidal dispersion
pH (@ 20°C)	6.998 (manufactured ultra-pure water at 18.18 MΩ.cm)
Useable pH Range	3 to 8
Specific Gravity (@ 20°C)	1.03 to 1.05 g/cm ³
Conductivity	< 0.055 mS/cm
% Solids	0.003 ± 0.3% (by weight)
% Active (HDA)	0.003 ± 0.3% (by weight)
% Silver	0.003 ± 0.3% (by weight)
Chemical Composition (particles)	0.003 ± 0.3% (by weight) Ag
Ionic Characteristics	Non-ionic