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TECHNICAL LITERATURE

SILTEX 44001

Siltex 44001 is a polyethylene based softener and smoothening agent specially developed to improve the abrasion resistance and tear strength of all fibres. It is recommended specifically in conjunction with wash-n-wear crease resistant and shrink resistant finishes on cotton, linen, rayon and their blends with synthetic fibres.

Chemical Nature	: Polyethylene Emulsion
Ionic nature	: Non ionic
Appearance	: Off white liquid
Solubility	: Dilutable with cold or warm water in all proportions
pH (10% solution)	: About 8.0
Resistance	: Compatible with non-ionic, anionic and cationic substances; resistant to organic acid in usual concentrations and to hard water as well as to weak alkalis:

Properties:

Siltex 44001 is suitable for softening all kinds of textiles. The following are some special features

- Imparts excellent sewability properties to knitted goods
- Reduce the loss of mechanical properties (e.g. resistance to tearing, abrasion resistance) during easy care finishing.
- Smooth surface touch
- Resistance to shearing applicable in machines with high liquor turbulence.
- Improves the crease angles
- Diminishes losses in wear resistance
- Fast to washing
- No Influences on the light fastness & shade change
- Improves the pilling fastness.

Application : Padding method
05 - 40 g/l Siltex 44001

Compatibility : Compatible with most of the products with resins and other additives.

Fields of Applications and Finish Effects:

Easy care finishing of woven and knitted fabrics composed of cellulosic fibers and their blends with synthetic fibers
Lessens the reduction in abrasion resistance and tear strength that can occur in resin finishing.

Due to distinctive smoothing effect, Siltex 44001 improves the sewability properties of knitted goods thus preventing needle damages to stitches.

Storage: When stored at ambient conditions Siltex 44001 has a shelf life of about 12 months.

NOTE: The information in this publication is believed to be accurate and is given in good faith; its purpose is to help our customers but do not imply any engagement on our part