

AVCO-SLIP RF

LUBRICANT AND ANTICREASE AGENT

AVCO-SLIP RF is a hydrophilic copolymer, which is acting as an highly effective crease preventing and gliding agent in textile preparation, bleaching, dyeing and finishing processes.

AVCO-SLIP RF is lowering the friction coefficient of the wet fabrics by producing an interface between the fabric surface and the bleaching or dyeing liquor, as well as between the fabric and the machine metal parts and between fabric ropes. This lubricating effect prevents creases, folds and crack marks that can happen in high speed dyeing machine with low liquor ratio, when dyeing delicate fabrics in modern high speed jet machines.

SPECIFICATION:

Appearance	Clear, colorless, viscous liquid.
Chemical nature	Aqueous emulsion of polyacrylamide copolymer.
Ionicity	Nonionic
Density	1.01 – 1.02
Solubility	Miscible with water at any ratio.
pH (1%)	6 – 7
Viscosity (dPa.s)	1.5 – 2.5
Compatibility	Can be used with all chemicals encountered in textile bleaching and dyeing processes. Stable at a wide pH range (3-12).
Storage	Sensitive to frost. After freezing can be reused by thawing and re- mixing. When properly stored stable for at least 12 months.

PROPERTIES & USES:

1. AVCO-SLIP RF can be used with all types of dyestuffs such as reactive, disperse and acid dyes.
2. The product is non-foaming at all.
3. AVCO-SLIP RF is compatible with all types of preparation, bleaching and dyeing auxiliaries used in textile aqueous processes. The product is non-substantive and does not interfere in the dyeing.

4. AVCO-SLIP RF acts as a crease inhibitor in scouring, boiling-off, bleaching and dyeing of textiles in piece dyeing machines. The product enables a friction free movement of the fabric ropes in the dyeing machine even at very low liquor ratio with very delicate fabrics.
5. Woven and knitted fabrics made from polyester, polyamide, wool, viscose and cellulosic fibres and their blends have remarkably improved running properties on overflow machines, jet dyeing machines and winches. AVCO-SLIP RF prevents the formation of rope creases and marks.
6. In garment dyeing and finishing processes on paddle and rotary washing / dyeing machines, AVCO-SLIP RF prevents formation of crease marks.
7. In denim finishing processes, use of AVCO-SLIP RF is recommended to avoid washing stripes and creases. AVCO-SLIP RF is used in pre – washing and in the desizing process.

APPLICATION:

AVCO-SLIP RF is added in diluted form to the treatment liquor before the goods are entered. The dyes are added after running for several minutes.

Recommended dosage of AVCO-SLIP RF is the following:

Use 2-4 g/l AVCO-SLIP RF calculated on the total liquor volume. ***REMARKS:***

1. Do not mix AVCO-SLIP RF with other concentrated auxiliaries before adding to the treatment machine.
2. It is advisable to pre – dilute the product with water 1:2 – 1:3 before application.
3. Spills of the product on the dyehouse floor should be cleaned immediately, to avoid danger of accidents because of slipping.