

Technical - Information

AVCO-SLIP 2G

CREASE-INHIBITOR

AVCO-SLIP 2G is a crease inhibitor which acts in jet, winches, drums and paddle dyeing machines as a lubricant and creases inhibitor to prevent folds and cracks when dyeing knitted fabrics in high speed get machines and other exhaust type dyeing machines.

AVCO-SLIP 2G has no effect on dye yields and develops practically no foam.

SPECIFICATIONS:

Appearance	White, slightly viscous liquid.
Composition	Aqueous compound of fatty acid esters and waxes.
Density	0.97 – 1.01.
Ionic type	Non-ionic/anionic.
pH (10% Sol.)	6.5 – 8.5
Solubility	Dispersible in cold or hot water.
Resistance to: Acids, Alkalis, Electrolytes Water hardness	Good under the conditions normally encountered in practice.
Storage	<ol style="list-style-type: none"> Freezes at 0°C, fully usable after thawing and stirring. Do not store in direct sun and in hot places. If separation occurs, can be restored by stirring. Stable for at least 12 months.

PROPERTIES & USES:

- AVCO-SLIP 2G acts as a crease inhibitor in preparation processes and dyeing of textiles fabrics in rope form in piece dyeing machines.
- Woven and knitted fabrics made from polyester, polyamide or cellulosic fibres and their blends have remarkably improved running properties on overflow machines, jet dyeing machines and winches. AVCO-SLIP 2G prevents the formation of rope creases and tears. This lubricant is particularly suitable for use in the airflow jet machines.
- In machines with high dye liquor turbulence AVCO-SLIP 2G does not have tendency to foam.

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4. In dyeing and other treatment processes on paddle and drum dyeing machines, levelling can be improved by AVCO-SLIP 2G and chafe marks on folds are prevented. Softening can be carried out with less softener because AVCO-SLIP 2G imparts to the fabrics a softer handle.
5. AVCO-SLIP 2G is an excellent crease inhibitor in finishing of denim garments.

APPLICATION:

The addition of AVCO-SLIP 2G is calculated on the weight of the goods. After a bath change, only part of the amount of AVCO-SLIP 2G needs to be added to the liquor because, owing to the products good substantivity, the lubricating properties of the fabric are largely retained. AVCO-SLIP 2G is added in diluted form to the treatment liquor and fed into the dyeing machine via a stock or expansion tank, before the goods are loaded. The dyes are added after running for several minutes.

The recommended dosage of AVCO-SLIP 2G are the following:

- 0.5 - 3 g/l of AVCO-SLIP 2G calculated on the total liquor.
- 1 - 3% of AVCO-SLIP 2G based on fabric weight.