



Product Specifications

150079SF0128 Flamex SF - Syn Fiber - gallon (3.79L)

Flamex SF compares to original S33. Do not intermix old and new Flamex products. Use to treat:

- Nylons
- Polyesters
- Acrylics
- Poly-cotton blends
- Synthetic velours or felts

[View the material compatibility chart for more specific materials.](#)

NEW! Introducing Flamex SF for Synthetic Fiber Fabrics

Downloads:

[Flamex SF Spec Sheet](#)

[Flamex SF MSDS](#)



Treating synthetic fabrics can be difficult since the synthetic threads of the fabric do not absorb liquids in the same manner that a natural fiber does. Flamex SF is designed to be a penetrating treatment that bonds to the surface of the threads deep within the weave of the material, securing the flame retardant chemicals and rendering an effective protective treatment. Flamex SF will [treat many synthetic fabrics](#), such as polyesters, nylons, acrylics and rayons, as well as most cotton/synthetic blends. A vast range of synthetic fabrics are used in scenery properties and costumer construction. While Flamex SF will work with many of these, always test a sample to insure compatibility and effectiveness. Leaving no residue or powdery build up, Flamex SF simplifies the task of insuring all your softgoods and scenic fabrics will meet the Fire Marshall's expectations.

Using Flamex SF

Rosco Flamex SF has been premixed and does not require any further dilution. The method of application and the amount of Flamex required for sufficient treatment varies with the fabrics in use.

Coverage

One gallon of Flamex SF will treat approximately 500 square feet (46.4 square meters) of fabric.

Applying Flamex

- **Dipping:** This is the most efficient method of impregnation. Immerse completely for ten minutes, and hang to dry.
- **Brushing:** Using a wide lay-in brush, brush the Flamex solution into the fibers of the material being treated. Brush in the solution using a criss-crossing pattern to insure adequate absorption.
- **Spraying:** In a spray application, it is very important that an adequate amount of the Flamex be absorbed. In calculating the amount of solution needed, remember that a substantial portion of the spray will not fall on the fabric. Use a Hudson-type sprayer with a medium nozzle setting. For best results, hang the material to be treated and spray in a back and forth pattern starting at the bottom and working your way up to the top of the fabric sample.

Over saturating the fabric may cause it to stiffen or otherwise alter its hand. ALWAYS treat a test sample to determine how the fabric will react and to [test for effective flame retardance](#).

Certification and Testing

Flamex SF has been approved for use by the California and New York City Fire Marshall and has been tested according to NFPA 701.

Storage

Store Flamex products in non-metallic containers. When metal sprayers are used, they should be thoroughly cleaned immediately after use, including nozzles and accessories. Avoid use of metal buckets or paint containers when

possible.

Disclaimer

Read carefully the instructions supplied with any Flamex product. Rosco offers these products in good faith, but without guarantee of any type, since materials treated and methods of application are beyond the control of the manufacturer. You should determine suitability of the Flamex product for the intended use and always test before using.