



StarChem™ Flame Retardants

Flame Retardant Application Guide

Product	StarTex FR DSH	StarTex FR 908	StarTex FR PE Conc	StarTex FR STS	StarTex FR WRB	StarTex Resin CNX
100% Cotton	S			S	S	
100% Polyester	S		S	S		
100% Nylon		S				S
100% Acetate					S	
Poly / Cotton	S		S	S	S	
Poly / Acetate					S	
Wool Blends	S			S		
	S	Recommended				
	S	Suitable				

Specific Product Information:

StarTex™ FR 908

Is a thermosetting urea/thiourea formaldehyde resin type flame retardant producing a soft to moderate firm hand, specifically recommended for use on 100% nylon fabric. The finish is applied by padding and requires a normal resin cure to insure proper durability.

StarTex™ FR DSH

Is a blend of inorganic flame retardant salts which produce a dry hand and is markedly less hydroscopic than most other flame retardant salts. It is recommended as a general purpose flame retardant effective on a wide range of fibers including cellulose, synthetics and blends.

StarTex™ FR PE Conc

Is recommended for use on 100% Polyester, applying the finish by padding, followed by drying and high temperature heat setting at 360 -380 degrees F. to insure proper fixation of the finish into the fiber to obtain best durability results. StarTex™ FR PE Conc. leaves the fabric with a soft hand, and minimum shade change, but can cause a greasy hand if high application levels are used.

StarTex™ FR STS

An effective low cost flame retardant for on cotton, Rayon and polyester/cotton fabrics. It produces a dry hand, but at high use levels it can cause stiffness.

StarTex™ FR WRB

Recommended for use on 100% cotton or poly cotton blends of natural, whites, or light pastel shades. It is also good for specific water repellent finishes; allowing a one step flame retardant /water repellent application.

StarTex™ Resin CNX

A Thermosetting urea/thio-urea formaldehyde resin type flame retardants, which produces an extremely stiff hand, specifically recommended for use on 100% nylon netting type fabric. Both finishes are applied by padding and require a normal resin cure to obtain durability and proper hand.

 StarChem
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Features & Benefits

Uniquely designed for unsurpassed flame retardancy
StarChem F/R products pass most of the common flame retardant tests
All products are California Registered
Durable to repeated launderings and dry cleanings
Compatible with most fluorochemicals
Full, Resilient Hand Properties

Recommended Storage Conditions

StarChem™ Flame Retardants have a shelf life of at least three to twelve months from the date of delivery; if stored in original, unopened containers at temperatures not exceeding 30°C (86°F). Continued storage beyond the designated shelf life does not necessarily mean the material cannot be used. However, renewed testing of the most important properties is imperative.

 www.StarChemGlobal.com



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