



## New StarPel FC Product Line

### Product Information

- StarPel FC 2655** Ultra-durable, premium C6 repellent for all fibers & blends.  
 - Built-in crosslinker for extreme durability  
 - Superior performance in water, oil & alcohol repellency
- StarPel FC 2653** Premium, non-ionic C6 repellent  
 - Nonionic nature for versatility  
 - Low temperature curing capability
- StarPel FC RBR-6** Extended C6 product for maximum value in specific applications  
 - Two component extender system, styrene acrylic & epoxy
- StarPel FC SPA-6** Extended C6 product for maximum value in specific applications  
 - Built-in cationic acrylic extender
- StarPel FC FSO-6** Economical C6 repellent for all fiber & blends  
 - Durable water and oil repellent
- StarPel FC ISR-6** Durable dual-action soil release for cellulosic and synthetic fabrics  
 - Good performance for poly/cotton workwear  
 - Effective against a variety of stains
- StarPel FC HSR-2** Non-PFOA, hydrophilic soil and stain release product  
 - Based on C2, short chain fluoropolymer with truly zero PFOA (no non-detect disclaimers)  
 - Hydrophilic, wickable soil release

### StarPel FC Typical Specifications

	Appearance	Solids	Ionicity	pH	Solubility in H <sub>2</sub> O
<b>StarPel FC 2655</b>	Off-white	30%	Weakly Cationic	~4.0	Dispersible
<b>StarPel FC 2653</b>	Off-white	30%	Nonionic	~4.0	Dispersible
<b>StarPel FC SPA-6</b>	Off-white	30%	Cationic	~3.0	Complete
<b>StarPel FC RBR-6</b>	Off-white	25%	Weakly Cationic	~4.0	Complete
<b>StarPel FC FSO-6</b>	Off-white	18%	Weakly Cationic	~4.0	Dispersible
<b>StarPel FC ISR-6</b>	Off-white	22%	Weakly Cationic	~4.5	Dispersible
<b>StarPel FC HSR-6</b>	Translucent white	26%	Nonionic	~5.0	Dispersible



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### StarPel FC Application Guide

	Durability	Water Repellency	Oil Repellency	Alcohol Repellency	Soil Release	Low Temp Curing	Formation Flexibility	Hydrophilic
StarPel FC 2655	✘	✘	✘	S				
StarPel FC 2653	S	✘	✘	S		✘	✘	
StarPel FC SPA-6	✘	S	S	✘				
StarPel FC RBR-6	✘	S	S	S			✘	
StarPel FC FSO-6	S	✘	✘	S				
StarPel FC ISR-6	S	S	S		✘			
StarPel FC HSR-6	✘				✘		✘	✘

### Storage conditions

The StarPel FC product was formulated to have a shelf life of at least twelve to 24 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](http://www.StarChemGlobal.com)

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