

StarPel™ 330R

Nonionic reactive fluorochemical extender

Product Description

StarPel™ 330R demonstrates considerably improved performance and excellent compatibility when used as an extender for fluorochemical products, with the added advantage of being non-smoking in nature. This product emits 0.0 lbs/gal VOC by Method #24 testing. StarPel™ 330R has been approved by the Department of the Army for use on chemical protective fabrics. It has been added to the approved list of Water Repellent Treatments for Cloth, Camouflage Pattern, Woodland, Cotton and Nylon, MIL-C44034, Class IA.

Special Properties

- Quartermaster-approved for application on chemical protective fabrics
- Self cross-linking, low foaming
- Extremely efficient fluorochemical extender
- Non-smoking, thereby being ecologically advantageous
- Excellent stability and running properties
- Easy to handle—dispersible in room temperature water

Storage

DO NOT FREEZE. If exposed to temperatures below 32°F (0°C) for long periods, StarPel™ 330R may freeze. If this occurs, thaw at room temperature and mix well before using.

Under certain storage conditions, the surface of StarPel 330R can dry out and form a “crust”.

Should this happen, remove the crust before use.

Typical Physical Properties*

Appearance.....	emulsion
Color.....	white
Specific Gravity.....	0.990
pH (100%).....	2.5–3.5
Odor.....	characteristic
Viscosity.....	<100 cps
% Solids (Halogen).....	24.5–25.5
Solubility.....	soluble
Shelf Life.....	6 months

** These items are provided as general information only. They are approximate values and are not considered part of the product specifications.*

Application

StarPel™ 330R is compatible with most available fluorochemical products and, in a majority of cases, considerably improves their performance. Fluorochemical concentrations may be reduced with the use of StarPel™ 330R as an extender, resulting in more economical finishes.

When used with fluorochemical products, StarPel™ 330R has shown excellent dynamic absorption properties. Whether the product is used with or without resin finishing systems, no additional catalyst is necessary to obtain optimum results. For starting formulations, contact the supplier. **Compatibility and shelf life stability testing must be completed when blending StarPel 330R with a fluorocarbon in concentrated form.**

StarChem, LLC • 10150 Greenville Highway • Wellford, SC 29385 • Phone: 1-800-677-3500

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written, or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by StarChem. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release StarChem from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contain herein is unauthorized and shall not bind StarChem. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.