

Teflon™ ETFE Coatings

Exceptionally tough and abrasion resistant coatings with both water-based and powder offerings, high film build capabilities, and industry-leading chemical resistance.

Product Overview

Teflon™ ETFE is a melt flowable copolymer of TFE and Ethylene. It has excellent chemical resistance and is exceptionally tough and abrasion resistant. ETFE has a maximum continuous service temperature of 300° F and melts at 491° F - 536° F. This nonporous Teflon™ offering has high dielectric strength and good release properties.

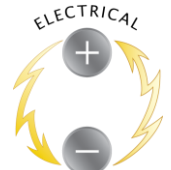


Features & Benefits

- Powder primer allows for a complete powder system and improved application efficiency
- Liquid and powder topcoats are compatible and interchangeable
- Many FDA compliant offerings for food application
- Substrate options: Aluminum, stainless steel, carbon steel
- In-use operating temperature: 300° F

Performance & Properties

- Excellent **Abrasion Resistance**
- Excellent **Chemical Resistance**
- Very good **Dielectric Strength**



ETFE Topcoats						
Product	Description	Color	FDA	DFT (mils)	Coverage	Carrier
532-6200	Ultrasmooth	White	Yes	8	110	Powder
532-6210	Ultrasmooth	Clear	Yes	8	110	Powder
532-6310	High Build	Clear	Yes	40	110	Powder
532-6314	High Build	Green	Yes	40	110	Powder
532-6118	Permeation Resistant	Beige	Yes	25	540	Powder
699-205	Permeation Resistant	Beige	Yes	40	540	Water

Application Process

Coatings are applied over recommended primers using electrostatic voltage, conveying air, or dosing air application with hot-flocking for additional coats. For FDA conforming systems, use 699N-129 as a primer. For non-FDA conforming systems, use 532-6405 as a primer. Flexible cure temperatures range from 580° F - 620° F. See Fact Sheets for application information.

Product Information

- **Availability:** Next day shipping by Intech
- **Ordering:** Online, fax, and phone
- **SDS & Fact Sheets:** Always accessible at intechservices.com