

# Teflon™ FEP Coatings

Teflon™ FEP coatings provide excellent chemical release, superior electrical properties, and high service temperatures of up to 400° F.

## Product Overview

Teflon™ FEP (fluorinated ethylene propylene copolymer) coatings provide outstanding low-temperature toughness and unique flame resistance. Maximum use temperature is 400° F. FEP nonstick coatings melt and flow during baking to provide nonporous films, which makes them a natural choice for applications that require chemical resistance, release, and abrasion resistance. In addition to low friction, FEP coatings have excellent nonstick properties. FEP is available in water-based liquid and powder forms. Teflon™ FEP topcoats provide nonstick, chemical, and corrosion resistance.



## Features & Benefits

- Powder and water-based
- Typically a primer and topcoat system
- Typical film thickness is 1.0 - 10 mils
- Maximum in use temperature of 400° F
- Nonporous film

## Performance & Properties

- Excellent **Nonstick**
- Good **Chemical Resistance**
- Low **Coefficient of Friction**
- **High/Low Temperature Stability**

## Chemistry

Fluorinated Ethylene Propylene, a melt-flowable copolymer of TFE and Hexafluoropropylene



## FEP Topcoats

Product	Description	Color	FDA	DFT (mils)	Coverage	Carrier
856G-200	Standard Grade	Clear	Yes	2	686	Water
856G-204	Standard Grade	Green	No	2	655	Water
532G-8110	Standard Grade	Clear	Yes	5	89	Powder
532G-8410	High Molecular Weight	Clear	Yes	10	89	Powder

## Application Process

Applied over approved primers. Spray coating over grit blasted and primed substrates. Flexible cure schedules from 575° F - 700° F can be achieved by adjusting time. Products can be applied in multiple coats. 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](http://intechservices.com)