



## Specialty 2-Coat Reinforced Teflon™ Coating System

Premiere coating system for end-uses that require durability, non-stick, thermal stability, and abrasion-resistant properties.

### Product Overview

The 2-Coat Reinforced is the premium Teflon™ coating line for end-uses that require non-stick capability, abrasion or scratch resistance, thermal stability to 500 °F, and durability in a thin film coating. Decades of innovation and technology have led to significant improvements in this coating. This water-based system is a unique blend of PTFE, PFA, and FEP fluoropolymer chemistry. The primer utilizes On-Smooth technology for easy adhesion to smooth surfaces when necessary. When your application requires ultimate release and superior durability at a great value, 2-Coat Reinforced is your choice.



### Features & Performance Benefits

- Primer can be applied On-Smooth on aluminum substrates
- Thin film primer topcoat for quick application and cure
- Water-based for low emission environmental standards and easy cleaning
- Great performance and value in a primer topcoat system
- PFOA free
- Maximum use temperature of 500 °F

### Properties

- Excellent **Nonstick** properties
- Extended service life due to excellent **Durability**
- **FDA approved** for direct food contact regulations in 21CFR
- **Chemical and abrasion resistant**



### Chemistry

A blend of Teflon fluoropolymers, PTFE, FEP and PFA, for superior durability with outstanding non-stick and low friction properties, resulting in a system that can be used in a wide variety of high performance applications.

### Application Process

For best application, apply to aluminum oxide grit blasted metal substrate. If grit blasting is not appropriate, the coating can be applied to a smooth, clean surface. Spray applied primer is force-dried (Ref. 5-8 min. at 120–150 °C (248–302 °F)). Temperature of primer between 35–45 °C (95–113 °F) before application of topcoat. Total system: minimum 5 min. at 428 °C (802 °F) or 3 min. at 435 °C (815 °F) (metal temperature). Peak temperature should not exceed 440 °C (824 °F). See Fact Sheet for complete application information.

### Product Codes | Colors

Primer | 857G-040 | Black  
Topcoat | 857G-230 | Clear

### Product Availability

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