

# Specialty 3 Coat Reinforced Teflon™ Coating System

Premiere multi-coat for end uses that require durability, nonstick, thermal stability, and abrasion resistant properties.

## Product Overview

The 3 coat reinforced system is the premium Teflon™ coating line for end uses that require nonstick, abrasion or scratch resistance, thermal stability to 500° F, and durability in a thin film coating. This water-based, multi-coat system is a unique blend of PTFE, PFA, and FEP combined with ceramic fillers. For additional durability, ceramic fillers have been added to the primer and midcoat layers. The primer utilizes On-Smooth technology. Decades of innovation and technology have led to significant performance improvement in this coating. When your application requires the best coating system, the Teflon™ 3 coat reinforced system should be your choice.



## Features & Performance Benefits

- Unaffected by cleaning with common solvents
- Great for high heat release
- Good for in-use temperature to 500° F
- Primer can be applied On-Smooth on aluminum substrates
- Thin film
- Easy application for a 3 coat system
- Requires only one full bake cycle

## Properties

- Excellent **Nonstick** properties: premium coating for providing **Release** and **High Lubricity**
- Excellent **Abrasion** or **Scratch Resistance**
- Extended service life due to the excellent **Durability**
- **FDA Approved** for direct food contact regulations in 21CFR
- **Thermal Stability** to 500° F



## Product Codes | Colors

Primer | 857G-040 | Black  
Midcoat | 857G-140 | Black  
Midcoat | 857G-135 | Sparkling Black  
Topcoat | 857G-240 | Clear

## Chemistry

A blend of Teflon™ PTFE, FEP, and PFA combined with ceramic fillers to optimize the performance of these fluoropolymers.

## Application Process

Surface is grit blasted with aluminum oxide or applied over smooth aluminum substrates. The primer is force dried and the midcoat and topcoat are applied wet-on-wet on and cured at 800° F. See Fact Sheet for complete application information.

## Product Availability

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

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[www.ecs-ww.com](http://www.ecs-ww.com)