



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

Intech Services | 211 Lake Drive, Suite J | Newark, DE 19702
302-366-8530 | www.intechservices.com