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.





Product Codes | Colors

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

Chemistry

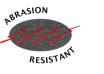
A blend of Teflon[™] PTFE, FEP, and PFA combined with ceramic fillers to optimize the performance of these fluoropolymers.

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







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

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