

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-030 | Black
Topcoat | 857G-230 | Clear

Product Information

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

For more information please contact us
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