Specialty 3-Coat Improved Standard Teflon™ System

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

Product Overview

The 3-coat Improved Standard is the premium Teflon™ coating line reinforced for scratch and durability. The line is for end-uses that require non-stick, thermal stability to 500 °F, and high lubricity. Decades of innovation and technology have led to significant improvements in this coating. This water-based, multi-color 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, 3-coat Improved Standard is your choice.

Features & Performance Benefits

- Primer can be applied On-Smooth on aluminum substrates
- Thin film, "wet on wet" mid-coat/ topcoat for quick application and cure
- Water-based for low emission environmental standards
- PFOA free
- Maximum use temperature of 500 °F

Chemistry

A blend of Teflon fluoropolymers, PTFE, FEP and PFA for above average 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.

Properties

- Excellent **Nonstick** properties: premium coating for providing **Release**
- High **Lubricity**
- **FDA approved** for direct food contact regulations in 21CFR
- **Chemical and abrasion resistant**

Application Process

For best application, apply to aluminum oxide grit blasted metal substrate. If grit blasting is not appropriate, coating can be applied to smooth clean surface. Spray applied primer is force dried at 5-8 min. at 120-150 °C (248-302 °F), then mid-coat/ topcoat applied wet on wet and cured 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 | 855G-021| Blue
Mid coat | 857G-135| Black
Mid coat| 857G-130|Dark Pewter
Topcoat| 857G-240|Clear

Product Information

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