



Teflon™ 420G One Coat PTFE Systems

One coat systems for end uses that require lubricity, high temperature resistance, and FDA approval.

Product Overview

The Teflon™ 420G PTFE one coat system is an extremely versatile thin film coating. These products have a high in-use operating temperature of up to 500° F and are FDA approved, making them an excellent choice for applications involving food contact. The economical price and ease of application make it an excellent option for high volume jobs. The 420G product line is offered in three colors.

Features & Benefits

- Substrate options: steel, stainless steel, and aluminum
- Ease of application: one coat system allows for quick application, excellent for high volume jobs
- Operating temperature up to 500° F continuous use and 550° F for intermittent use
- Thin film: 0.8 - 1 mil dry film thickness (DFT)
- Can be applied in multiple coats
- No reduction required

Performance & Properties

- Excellent **Nonstick** qualities for good release
- Excellent **Thermal Stability**
- Good **Abrasion Resistance** and **Durability** for extended service life
- **FDA Approved** for food contact regulations in 21CFR



Product Codes | Colors

- One Coat | 420G-104 | Gray
- One Coat | 420G-109 | Sparkling Black
- One Coat | 420G-129 | Black



Chemistry

One coat PTFE with PES Resin (Polyethersulfone)

Product Information

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

Application Process

Surface is grit blasted with aluminum oxide. Single coats of 0.8 mils are recommended and can be obtained with several passes of a spray gun wet-on-wet. Cure at 700° F - 750° F for 3 - 5 minutes. For clean up or reduction use TN-8595. See Fact Sheets for application information.

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