

Teflon™ Ruby Red PFA in Liquid and Powder

A chemically resistant coating with superior permeation resistance.

Product Overview

Teflon™ Ruby Red PFA is a filled liquid and powder PFA coating, specifically formulated to reduce permeation and provide superior chemical resistance at temperatures as high as 500° F. In the chemical industry specifically, Ruby Red has proven to hold up longer than other alternatives against extremely corrosive chemicals. There are proprietary filler materials in the Ruby Red that dramatically slow the permeation process that you won't find in other PFA coatings. The advanced technology of the Ruby Red coating allows it to be applied in multiple layers at 3 - 10 mils per coat, and up to 40 mils total. This system's specific design makes it an excellent choice for any chemically resistant application.



Features & Benefits

- Ease of application: thicker application allows for less labor
- Substrate options: aluminum, stainless steel, and carbon steel
- Achieve thick film build: up to 10 mil per coat and a 40 mil maximum dry film thickness (DFT)
- Available in liquid and powder form
- Liquid coating is water-based for easy cleaning

Performance & Properties

- Superior **Permeation Resistance**
- Excellent **Thermal Stability**
- Excellent **Chemical Resistance**
- Good **Abrasion Resistance**



Product Codes | Colors

Liquid Primer | 420G- 703
Powder Primer | 532G-42551
Powder Topcoat | 532G-13054 | Red
Liquid Topcoat | 858G-917 | Red

Industries

- Semi conductor
- Chemical processing
- Plating racks

Product Information

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



Application Process

Surface will be grit blasted with aluminum oxide. Application process differs between the liquid (858G-917) and the powder (532G-13054). Powder coating is applied electrostatically with hot-flocking for additional coats. Curing temperature is 716° F - 740° F and is lowered intermittently through the curing process. See Fact Sheets for application information.

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