



Teflon™ PTFE Dry Film Lubricants

One coat, solvent-based PTFE coatings for dry lubrication that require tough, durable performance.

Product Overview

Teflon™ PTFE one coats are superior dry film lubricants with a smooth and slick finish fusing to substrates with strong adhesion to provide great durability. These coatings are excellent for minimizing friction and galling, as well as prevent seizing, especially where re-lubrication with fluid is inaccessible or there is exposure to dirt and dust. In addition to providing lubrication, fluoropolymers used as dry film lubricants provide ancillary benefits of resistance to heat and cold, chemical and corrosion resistance, and release. Flexible cure temperatures of this product line make it more accessible to a broader range of coaters and end uses.



Features & Benefits

- Great for high heat resistance, with an in-use operating temperature of up to 500° F
- Offering includes low cure temperatures as low as 350° F
- Available in a thin film option (958G-303)
- Superior adhesion
- One coat systems offer ease of application
- Solvent-based coating for easy clean up

Comparative Performance Qualities

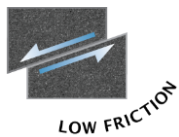
| Product Code | Lubricity | Max DFT | Operating Temp | Durability |
|--------------|-----------|--------------|----------------|------------|
| 958G-303 | Excellent | 0.8 mils | 500° F | Good |
| 958G-313 | Good | 0.8 mils | 500° F | Better |
| 958-406 | Good | Up to 4 mils | 400° F | Better |
| 958-414 | Good | Up to 4 mils | 400° F | Best |

Performance & Properties

- **High Lubricity** in a thin film system for **Low Friction**
- Added fillers provide additional **Abrasion Resistance** for 958G-313, 406, and 414
- High **Heat Resistance** allows for operating temperatures of up to 500° F

Product Codes | Colors

One Coat | 958G-303 | Black
 One Coat | 958G-313 | Black
 One Coat | 958-406 | Black
 One Coat | 958-414 | Dark Green



Chemistry

PTFE with PAI (polyamideimide) binder resin and additional fillers in 313, 406, and 414.

End Uses

- Slide gates
- Hinges
- Blades
- AC pistons
- Springs
- Bearings
- Numerous automotive components
- Lawn and garden
- Guide rails

Application Process

Surface is grit blasted with aluminum oxide, the coating is sprayed on, and is cured at 650° F for 15 minutes. Minimum cure of 350° F can be performed with additional time. See Face Sheets for application information.

Product Information

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

Intech Services | 211 Lake Drive, Suite J | Newark, DE 19702
 302-366-8530 | www.intechservices.com