



Innovation and Experience at Work

Friction Fighter 803

Friction Fighter 803 is high performance low VOC waterborne PTFE Dry Film Lubricant. This coating can be used alone or in combination with traditional grease and oil lubricants to greatly reduce friction forces. Recommended uses include: sliding motion mechanisms, hinges, threads, washers, gears and many other applications. Provides excellent adhesion to steel, stainless steel, aluminum, and a wide variety of plastic substrates, including acetal/POM. Weather, chemical, and solvent resistant.

PRODUCT CHARACTERISTICS		TYPICAL VALUE *
Temperature Service Range (°C)		-60-125
Solid Lubricant		PTFE
Color		Translucent White
Application Method		Spray / Dip
Weight Solids %		35
Volume Solids %		32
Theoretical Coverage (1.0 mil DFT, 90% efficiency)		461 sq. ft / gal
Viscosity, #3 Zahn		25-30 sec.
VOC, lbs/gal (Theoretical, minus water)		1.25
Specific Gravity (CTM-2)	25°C	1.1
Cure, minimum substrate temp.		20 minutes @ 175°C

Directions for use:

- All surfaces must be thoroughly cleaned, degreased, and free of rust, oxides or other surface impurities.
- Phosphate pretreatment for ferrous metals is highly recommended.
- Mix well before use.
- Product is supplied ready to spray or dip. Use deionized water if thinning is necessary.
- Apply a thin uniform film with a spray gun to a wet film thickness of less than 1 mil (0.001") or dip and agitate part to ensure complete coverage. Avoid pooling of coating.
- Allow coating to flash dry before curing with heat.

Engineered Custom Lubricants

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