



Innovation and Experience at Work

Friction Fighter 703BL

Friction Fighter 703BL is 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, and other similar applications. Offers excellent adhesion to wide variety of flexible and rigid substrates. Weather, chemical, and solvent resistant.

PRODUCT CHARACTERISTICS		TYPICAL VALUE *
Temperature Service Range (°C)		-60 to 125
Solid Lubricant		PTFE
Color		Blue
Application Method		Spray / Dip
Weight Solids %		47
Volume Solids %		45
Theoretical Coverage (1.0 mil DFT, 90% efficiency)		693 sq. ft / gal
Viscosity, #2 Zahn		27-30 sec.
VOC, lbs/gal (Theoretical, minus water)		1.90
Specific Gravity (CTM-2)	25°C	1.25
Cure, minimum substrate temp.		30 minutes @ 50°C
		20 minutes @ 95°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

ISO/TS16949:2009 • Registered QMS

3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: customerservice@ecllube.com • www.ecllube.com

DISCLAIMER: Since we cannot anticipate or control the many different conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. For the same reason, the product discussed is sold without warranty expressed or implied. Please contact Engineered Custom Lubricants for assistance and recommendations prior to writing or releasing any engineering specifications. ECLI Products, LLC, owns and does business as Engineered Custom Lubricants and Lubrication Technology.