



Agricultural Mfg. & Textiles, Inc.
1451 Stagecoach Road, Laurens, SC 29360 USA

Call Toll Free: (800) 344-2358 (USA, Canada & Mexico)
International Phone: (864) 682-3445
Email: sales@amt-usa.com

www.amt-usa.com

Unless designated otherwise, the following data refers to FLUID FILM® NAS or FLUID FILM® AS after the propellant has evaporated away following spray application.

Appearance

Clear, straw colored liquid.

Viscosity

Brookfield HBF, 70 ° F

#2 Spindle at 2 RPM

4.5 - 6.5 reading (7,200 - 10,400 cps)

Flash Point, Bulk Liquid:ASTM-92 Cleveland Open Cup

405°F minimum.

Non-Volatile

89% minimum (3 hours @ 220°F).

VOC.CARB 310

AS: Less than 25%, NAS: Less than 1%

Specific Conductivity

Less than 10 -9 ohm/cm @ 1 mHz.

Specific Gravity

0.875 - 0.885 (less propellant).

Effect on RubberASTM D-471 @ ± 158°F 70 hours

None on neoprene and buna-n. May cause swelling on non oil-resistant rubber goods.

Effect on Paint

None on most painted surfaces.

Effect on Aluminum

No pitting.

Extreme PressureASTM D-2782 Timken Method

Fail load - 15 pounds.

Wear Prevention - CharacteristicsASTM D-2266 Four Ball Method

40 Kg., 1200 RPM for 1 hour @ 167°F. Results: Scar diameter of 0.49mm.

Repaintability

Contain no silicones. It is recommended that surfaces treated with **FLUID FILM® AS or NAS** be hot water or steam detergent washed (120°F), whichever is most effective.

Corrosion ProtectionASTM D-1735 Humidity Cabinet

Passes 50 days.

ASTM D-1748Humidity Cabinet

Passes 30 days.

MIL-C-16173Corrosion Requirement

Grade 2 -Soft Films. Meets & exceeds salt spray requirements.

Water Replacement

Displaces water from all metal surfaces (MIL-C-23411,Paragraph 3.6).

Toxicity

Non-toxic, LD-50 greater than 3 grams per kilogram. Non-irritating skin response. Very slight irritation to the eyes. (Toxicity tests performed according to standard methods by an independent laboratory).



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Warning

AS: Extremely flammable. Contents under pressure. Do not puncture, incinerate or store above 120°F. Keep from open flame.

NAS: Combustible. Do not incinerate

Spray Nozzle Cleaning

Turn can upside down, point in a safe direction and spray until only propellant escapes. If spray button becomes clogged during use, pull it from the can and clean it with a fine wire or needle. Replace the button with a gentle twisting motion, keeping it pointed in a safe direction. Do not stick pins or other objects into nozzle tube.