

PRODUCT DATA SHEET



MOLY DRY FILM "S" MOLY DRY FILM

PRODUCT DESCRIPTION

Sentinel's Moly Dry Film "S" provides a thin, quick dry coating of molybdenum disulfide which is held on the surface with a blend of organic and inorganic binders. When applied to clean metal, all metal pores, "valley", scratches and other microscopic recesses in the surface are filled. After surfaces are loaded, the moly takes on a compacted nature in the recesses and serves to greatly reduce friction under loading conditions. Contains no oil, grease or graphite.

Excellent as a pre-lubrication coating on high temperature mechanisms, as an assembly lubricant, as a press fit tube, and many other high pressure point uses.

Use on: casting molds, oven hardware, cans, followers, rollers, chain, cable, open gears, threaded fasteners, slides,

latches, locks, pins, bearings, press fits, as a break-in lube on bearings, and for many other applications.

DIRECTIONS: Shake can well before use. Can temperature should be 18°C (65°F) or warmer. (*WARNING: Never use direct heat to warm aerosol cans! ONLY warm water should be used!*) Clean mating surfaces before application and spray area to be lubricated. Permit to dry for a few minutes before use.

Sentinel's "S" line of spray lubricants are non-ozone depleting products specially formulated for industry. Sentinel's "S" line contains no CFC's, HCFC's, Methyl chloroform, or any other material known to affect the stratospheric ozone.

TYPICAL CHARACTERISTICS

Appearance	Dark Gray
Lubrication, load capacity, psi	140, 000
Minimum Functional limits	
Air Exposure, °C (°F)	-120 (-250)
Maximum Functional Limits	
Oxygen Free Environment, °C (°F)	1090 (2000)
Air Exposure, °C (°F)	398 (750)
Residue from Binder @ High Temperatures	Soft Dust
Particle Size	Dispersion Grade
Coefficient of Friction	0.03 – 0.06
USDA Classification	H-2
Net Volume per 20oz Aerosol Can	13oz. (369g)
PIN #	01007

TO ORDER OR FOR ADDITIONAL INFORMATION

QUALITY WITHOUT QUESTIONS!

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