

MOLYKOTE® P-1900 FM Paste Spray

Light-colored grease-paste spray for mechanical components in food & beverage processing equipment

Responding to market needs

Minimizing unplanned downtime can lead to significant cost savings in every industry. MOLYKOTE® P-1900 FM Paste Spray increases the lifetime of mechanical components used in the food industry due to its long-lasting lubrication, which meets NSF H1 classification for incidental food contact. Furthermore, maintenance times can be shortened by simple application via spraying. The spray can's design not only allows quick lubrication of large surfaces, but it also enables precise application via the foldable extension tube, making MOLYKOTE® P-1900 FM Paste Spray essential for maintaining highly productive, durable food-processing equipment.

Features

- NSF H1-registered for incidental food contact (meets FDA regulation 21 CFR 178.3570)
- Applicable for food and beverage industry applications (e.g., fasteners/threaded connections, injection-molding pins)
- Simple and fast application via spraying
- Provides low coefficient of friction
- Good water resistance and corrosion protection
- Good load-carrying capacity
- White appearance

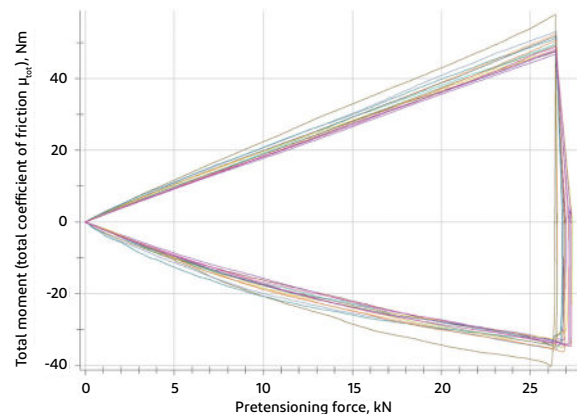


Nonfood Compounds
H1 Registered



Screw test results

Screw tests show that MOLYKOTE® P-1900 FM Paste Spray provides repeatable constant forces over multiple tightenings (5), independent of screw type.



Salt spray test results

The following are images showing the paste before and after being treated with salt spray for 100 hours at room temperature, demonstrating good water resistance and corrosion protection.



Typical properties of MOLYKOTE® P-1900 FM Paste Spray

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.



Standard ⁽¹⁾	Test	Unit	Result
	Color		White
Spray rate, density			
	Spray rate (with tube)	g/min	135 to 165
	Density at 20°C (active matter)	g/cm ³	1.0 to 1.04
Temperature			
	Service temperature range ⁽²⁾	°C	-30 to + 300
Load-carrying capacity, wear protection			
ASTM D5706-05	SRV test LCC	N	1400
ASTM D5707-05	SRV test endurance		μ = 0.13 (120 min)
Coefficient of friction (screw test)			
	Screw test (Schatz); coefficient of friction in bolt connection M12, 8.8 blackened		
	μ (head)		0.09
	μ (thread)		0.11
	K-factor		0.14
	Screw test (Schatz); coefficient of friction in bolt connection M12, V2A 1.4301		
	μ (head)		0.11
	μ (thread)		0.12
	K-factor		0.16
High-temperature breakaway torque			
	Initial breakaway torque at 300°C/21 hours with material no. 1.7709 (starting torque M = 56 Nm)	Nm	70
Corrosion protection			
	Salt spray test		100 h pass

⁽¹⁾ASTM: American Society for Testing and Materials. | ⁽²⁾After propellant/solvent evaporation.

About MOLYKOTE® Specialty Lubricants

Since 1948, customers around the world have trusted the MOLYKOTE® brand for performance and expertise to help solve complex, technical design and lubrication challenges. Today, our greases, compounds, pastes, dispersions, oils and fluids, and anti-friction coatings support customers' innovation, performance and sustainability needs. To learn more about our extensive product and service offering, to utilize our interactive product selection tool, or to locate a distributor, visit molykote.com.



Contact us

MOLYKOTE® has Contact Centers around the globe. Find the phone number for the center nearest you at www.dupont.com/molykotecontact.



DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.
© 2024 DuPont.

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable and falls within the normal range of properties. It is intended for use by persons having technical skill, at their own discretion and risk. This data should not be used to establish specification limits nor used alone as the basis of design. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any product, evaluation under end use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate or a recommendation to infringe on patents.