

# MOLYKOTE® P-1900 FM Paste Spray

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

## Responding to market needs

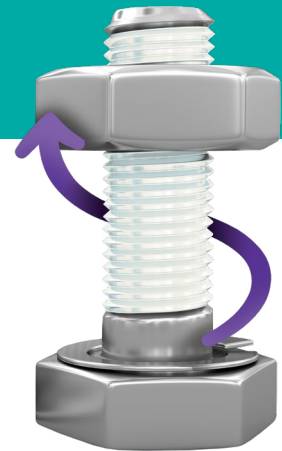
Minimizing unplanned downtime can lead to significant cost savings in every industry. MOLYKOTE® P-1900 FM Paste Spray increases the lifetime of mechanical components used in the food industry due to its long-lasting lubrication, which meets NSF H1 classification for incidental food contact. Furthermore, 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

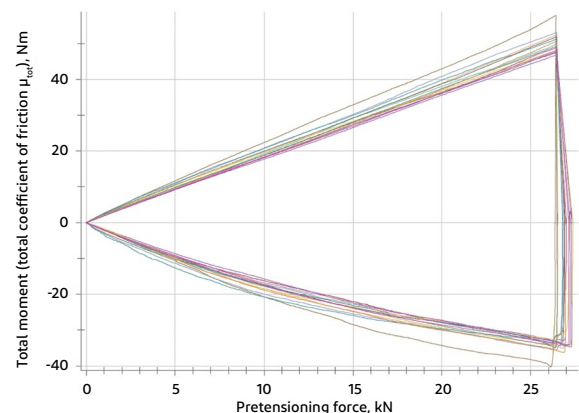


Nonfood Compounds  
H1 Registered



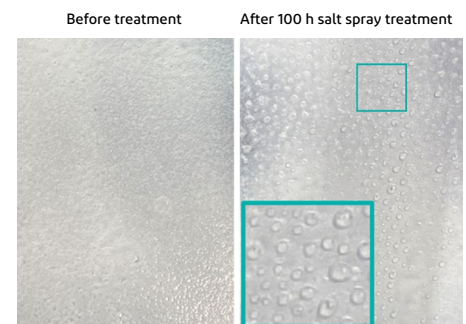
## Screw test results

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 <sup>(1)</sup>	Test	Unit	Result
	Color		White
<b>Spray rate, density</b>			
	Spray rate (with tube)	g/min	90 to 130
	Density at 20°C (active matter)	g/cm <sup>3</sup>	1.0 to 1.04
<b>Temperature</b>			
	Service temperature range <sup>(2)</sup>	°C	-30 to + 300
<b>Load-carrying capacity, wear protection</b>			
ASTM D5706-05	SRV test LCC	N	1400
ASTM D5707-05	SRV test endurance		μ = 0.13 (120 min)
<b>Coefficient of friction (screw test)</b>			
	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
<b>High-temperature breakaway torque</b>			
	Initial breakaway torque at 300°C/21 hours with material no. 1.7709 (starting torque M = 56 Nm)	Nm	70
<b>Corrosion protection</b>			
	Salt spray test		100 h pass

<sup>(1)</sup>ASTM: American Society for Testing and Materials. | <sup>(2)</sup>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](http://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](http://www.dupont.com/molykotecontact).



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