

Technical Data

PROTECT Spray

Food Grade, Non Toxic, Waxy Film for Long Term Corrosion Protection



Nonfood Compounds
Program Listed: H1
ISO 21469 Certified

Description

ROCOL® PROTECT Spray leaves a heavy duty waxy film for long term corrosion protection of all types of components and equipment particularly those operating in clean environments such as food & pharmaceutical and outdoor environments.

PROTECT Spray is chemically resistant and ideal for exposed metal components and machinery in storage, both indoors and outdoors.

PROTECT Spray is highly resistant to water wash-off and provides excellent corrosion protection for a wide variety of applications commonly found in the food, pharmaceutical and manufacturing industry.

Applications

- Corrosion Protection
- Hinges
- Gearbox casings
- Other exposed metal components

Approvals / Specifications

- Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- Manufactured from only FDA listed ingredients:
 - FDA Group 21 CFR 178.3570
- NSF H1 registered – 132236
- ISO 21469
- Halal certified
- Kosher certified
- Vegan Society Approved
- Rocol unique TPM number – 33
- Airbus CML No. 12ACG6
- PROTECT Spray is Airbus approved for main landing gear axle sleeves

Features & Benefits

- Excellent wide temperature resistance of -40°C to +120°C.
- Excellent heavy duty, waxy film for long term corrosion protection of metals for up to 2 years even in harsh environments.
- Deposits a white, non-toxic, film that is resistance to fuels, oils & greases.
- Tenacious, highly adhesive, long lasting film for complete corrosion protection even when partially or fully submerged in warm or hot water.
- Metal detectable plastic components (aerosol caps and actuators) capable of detection by most metal detection equipment.

Directions For Use

Use in well ventilated areas, and ensure there are no sources of ignition.

Shake well and continue shaking for 2 minutes after the agitator ball starts to rattle to ensure complete mixing .

Apply a thin, even coating from a distance of 15-30 cm (6-12 inches) and ensure a complete and thorough coating for maximum protection.

The applied film will be tack dry in approximately 1 min, after which a further thin coating can be applied.

Best practice – assemble components after a minimum of 5 mins for optimum performance.

The storage temperature should be kept below +40°C, and the storage area should be out of direct sunlight.

Shelf life is 4 years from date of manufacture.

Further Information

For pack sizes, part codes and safety data sheets please visit www.rocol.com or get in touch with our customer service team who will be happy to help: customer.service@rocol.com

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Property	Test Method	Result
Appearance	Visual	Off-white waxy film
Typical film thickness	N/A	Approximately 50 – 60 microns
Base Type	N/A	Vegetable oil
Odour	N/A	Mild
Solvent	N/A	Hydrocarbon
Propellant	N/A	Carbon dioxide (CO ₂)
Temperature Range	N/A	-40°C to +120°C
Protection Period	N/A	Up to 2 years outdoors
Salt spray 1000 hours at 35°C	ASTM B-117	0% corrosion
Humidity cabinet 1000 hours at 40°C (100% RH)	ASTM D1748	0% corrosion
Metal Detection:		
Aerosol Cap	Equivalent sphere size	>3.0mm
Actuator	Equivalent sphere size	>3.0mm

Values quoted above are typical and do not constitute a specification.

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