

AEROSPEC® PROTECT Spray

Heavy duty waxy film for long term corrosion protection

Product Overview

ROCOL® AEROSPEC PROTECT Spray leaves a resilient, heavy duty waxy film for long term corrosion protection of all types of components and equipment particularly those operating in outdoor environments.

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

AEROSPEC PROTECT Spray is highly resistant to water wash-off and provides excellent corrosion protection for a wide variety of applications commonly found throughout the manufacturing industry in many different types of arduous environments.

Features and Benefits

- AEROSPEC PROTECT Spray offers an excellent wide temperature resistance of -40°C to +120°C.
- AEROSPEC PROTECT Spray deposits a white, non-toxic, film that is resistant to fuel, oils and greases.
- AEROSPEC PROTECT Spray provides an excellent heavy duty, waxy film for long term corrosion protection of metals in harsh environments.
- AEROSPEC PROTECT Spray provides a tenacious, highly adhesive, long lasting film for complete corrosion protection even when partially or fully submerged in warm or hot water.
- ROCOL AEROSPEC PROTECT Spray is reinforced with PTFE. It can also be used as an anti-seize or lubricant in a variety of applications.

Directions for Storage and Use

- Use in well ventilated areas and ensure there are no sources of ignition.
- Shake the aerosol well and continue shaking for 2 minutes after the agitator ball starts to rattle to ensure complete mixing before use.
- Test spray the aerosol initially to ensure a smooth even coating is applied.
- Apply a thin, even coating from a distance of 15-30 cm (6-12 inches) in short bursts to provide a complete and thorough coating for maximum protection.
- The applied, thin film will be tack dry in approximately 1 minute after which a further thin coating can be applied if required.
- 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.

Typical Applications & Specifications

- ROCOL AEROSPEC PROTECT Spray is Airbus approved for main landing gear axle sleeves.
- ROCOL AEROSPEC PROTECT Spray is also ideal for applications such as:
 - Hinges
 - Gearbox casings
 - Other exposed metal components
- Airbus CML No. 12ACG6

Pack Sizes

Pack Size	Part Code
300ml	16810

AEROSPEC[®] PROTECT Spray

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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

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

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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