

Technical Data



Performance you can trust

PX-32

Corrosion Preventative: Cold applied, hard, transparent film for aircraft structures

Product Overview

ROCOL® PX-32 is military grade corrosion preventative for the preservation and corrosion inhibition of structural members of airframes, interior surfaces of aircraft skins, components, bare metal and over certain paint systems.

ROCOL PX-32 is based on unpigmented petroleum materials dispersed in hydrocarbon solvents. PX-32 does not contain bitumen or halogenated solvents.

The PX-32 specification includes tests for freedom from corrosive effects, film forming, sag, transparency and adhesion.

Features and Benefits

- Temperature range: -40°C to +110°C.
- Heavy duty, waxy film for long term corrosion protection.
- Excellent corrosion protection outdoors for up to 2 years.
- Rocol PX-32 has good de-watering properties.
- Rocol PX-32 exhibits good penetration.
- Can provide a light lubricating film in some applications.
- Ideal for outdoor corrosion protection of exposed metal parts.
- Resistant to removal by aircraft exterior cleaner.
- Resistant to anti-icing and de-icing fluids.
- Does not contain silicones or chlorinated solvents.

Directions for Storage and Use

- Flammable product - use only in well ventilated areas, and ensure there are no sources of ignition.
- Ensure the Rocol PX-32 is thoroughly mixed before use and ensure the product remains in suspension throughout use.
- Apply by brush, dip or spray as required
- Ensure a complete and thorough coating for maximum protection.
- Rocol PX-32 can be removed using a hydrocarbon solvent such as Rocol Heavy Duty Cleaner or Rocol Industrial Cleaner Rapid Dry Spray.
- The storage temperature should be kept below +50°C, and the storage area should be out of direct sunlight.
- Shelf life is 4 years from date of manufacture.

Specifications

- DEF STAN 80-83
- JSD: PX-32
- NATO Stock Number: 8030 99 225-3835

Pack Sizes

Pack Size	Part Code
20L	16607

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Property	Test Method	Result
Appearance (bulk fluid)	Visual	Brown waxy fluid
Appearance (applied film)	Visual	Soft brown waxy film
Film Thickness	N/A	Approximately 40 – 50 microns
Solvent	N/A	Hydrocarbon solvent
Temperature Range	N/A	-40°C to +110°C
Protection Period	N/A	Outdoors up to 2 years
Salt Spray Corrosion Resistance 1000 hours at 35°C	ASTM B-117	No corrosion
Humidity Cabinet Test 1000 hours at 40°C (100% RH)	ASTM D1748	No 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.

Issue: 1 Date: 09-12

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