



ISO 21469 Certified

SHOCK-RELEASE Spray

Release & dismantling lubricant with shock freeze action

Product Overview

ROCOL® SHOCK-RELEASE Spray is a non-toxic, fast acting, release agent which rapidly frees fittings, fasteners and mechanical assemblies seized by dirt, corrosion etc.

ROCOL SHOCK-RELEASE Spray has a shock freeze action which creates micro-cracks in rust layers allowing rapid penetration of the lubricant through capillary action.

ROCOL SHOCK-RELEASE Spray is NSF H1 registered for incidental contact with food making it ideal for use in food, pharmaceutical and other clean industries where a non-toxic product is required or preferred.

Features and Benefits

- ROCOL SHOCK-RELEASE Spray rapidly frees fittings, fasteners and mechanical assemblies seized by dirt, corrosion etc.
- Shock freeze action creates micro-cracks in rust layers allowing rapid penetration of the lubricant through capillary action.
- ROCOL SHOCK-RELEASE Spray contains a high performance synthetic oil re-enforced with PTFE for maximum friction reduction.
- Safe for use on all metals and most common plastics and rubbers (compatibility testing is advised for sensitive applications).
- ROCOL SHOCK-RELEASE Spray has a 360° all way spray valve and built in mini-jet actuator for maximum convenience and ease of use.

Directions for Storage and Use

- Remove surface rust and dirt.
- Shake well before use.
- Test compatibility with plastics and rubbers and painted or coated surfaces prior to application.
- Apply liberally (typically for 5 to 10 seconds) from a short distance. The aerosol can be held at any angle due to its 360° all way spray valve.
- Allow sufficient time for ROCOL SHOCK-RELEASE lubricant to penetrate (up to 2 minutes) before dismantling.
- Repeat application as required.
- If necessary the residue of ROCOL SHOCK-RELEASE can be removed with ROCOL Industrial Cleaner Rapid Dry Spray.
- Store below +50°C, out of direct sunlight.
- Shelf life is 5 years from date of manufacture.

Specifications

- SHOCK-RELEASE Spray does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- SHOCK-RELEASE Spray is manufactured from only FDA listed ingredients:
 - FDA Group 21 CFR 178.3570
- SHOCK-RELEASE Spray is NSF registered:
 - NSF H1 registered – 141594
- ISO 21469 certified

Pack Sizes

Pack Size	Part Code
400ml	32040





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Property	Test Method	Result
Appearance – applied film	Visual	Semi-translucent, low viscosity liquid
Base Type	N/A	Synthetic hydrocarbon fluid
Solvent	N/A	Paraffinic hydrocarbon
Propellant	N/A	LPG (hydrocarbon)
Odour	N/A	Mild
Kinematic viscosity at 40°C	IP71 – ASTM D445	2.75cSt
Density at 20°C	N/A	0.79g/cm ³
Shock cooling temperature	N/A	-40°C

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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