



Performance you can trust



SHOCK RELEASE Spray



ISO 21469 Certified

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.

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

SHOCK RELEASE Spray is NSF H1 registered for incidental contact with food making it ideal for use in food, pharmaceutical and other clean industries

Features and Benefits

- SHOCK RELEASE Spray has metal detectable plastic components (aerosol caps and actuators) capable of detection by most metal detection equipment.
- 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.
- SHOCK RELEASE Spray contains 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).
- 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 SHOCK RELEASE Spray to penetrate (up to 2 minutes) before dismantling.
- Repeat application as required.
- If necessary the residue of SHOCK RELEASE Spray can be removed with 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 and is NSF registered:
 - FDA Group 21 CFR 178.3570
 - 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
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.

SHOCK RELEASE Spray is produced at a Halal Control Certified Site (Swillington UK) and is certified as Halal only where the Halal Control Logo is displayed on the product label (certificate registration number C-912-350-05-01/1).



Metal detectable caps to reduce potential contamination risk.

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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