

Technical Data

WIRESHIELD™

High performance wire rope lubricant

Description

ROCOL® WIRESHIELD is a high performance wire rope lubricant featuring advanced pseudoplastic rheology and outstanding corrosion protection.

ROCOL WIRESHIELD initially appears to be a translucent amber gel, however, it is designed to immediately transform into a fluid consistency under shear to aid complete penetration into the core of the rope.

When the shearing stops the ROCOL WIRESHIELD stiffens back to a grease consistency on standing. This transformation ensures that the lubricant resists dripping or throw off.

Features & Benefits

- Excellent wide temperature range of -30°C to +100°C
- Industry leading corrosion protection
- Excellent lubricating properties, reducing wear on wires and strands
- Maximises service life
- Highly resistant to water wash off including salt water
- Pseudoplastic rheology increases penetration of the lubricant. This is enhanced by the use of a fluid applicator.
- Does not drip or fling
- Clean and pleasant to use

Applications

- Submerged Ropes
- Static Ropes
- Ship Lifts
- Winches
- Hoists
- Drag lines
- Pulleys
- Springs

Directions For Use

ROCOL WIRESHIELD should be stored in its unopened original container.

For best practice, storage temperature should ideally be controlled to between +1°C and +40°C.

4 years from date of manufacture shelf life.

Minimum application temperature is 0°C.

Application of ROCOL WIRESHIELD can be made by using a brush, swab or automatic lubricator.

For best results apply to clean, dry ropes.

Approximate rope coverage; based on 25mm diameter rope, is 50 metres per kg.

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	Soft amber grease
Base Fluid Type	N/A	Highly refined mineral oil
Thickener	N/A	Proprietary
Base Fluid Viscosity at 40°C	IP71	105cSt
Brookfield Viscosity at 25°C, 0.5 rpm	N/A	500,000cPs
Salt Spray Corrosion Protection	ASTM B-117	>4000 hours
4-Ball Weld Load	IP239	280kg

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

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