

Performance you can trust



## RAPIDSEAL



### FOLIAC Rapid-Curing Pipe Sealant for Universal Applications

#### Product Overview

ROCOL® RAPIDSEAL is a fluorescent yellow compound for use as a thread sealant on industrial metal pipework (including stainless steel) up to 3" diameter.

ROCOL RAPIDSEAL has a rapid cure speed that minimises downtime in breakdown or repair situations.

#### Features and Benefits

- ROCOL RAPIDSEAL has an excellent temperature range from -50°C to +150°C.
- When fully cured ROCOL RAPIDSEAL can resist pressures up to 1000 bar (14,500 psi).
- ROCOL RAPIDSEAL is suitable for use with natural gas and LPG pipework - conforms to EN751-1.
- Suitable for use by registered gas installers.
- Thread locking action – eliminates vibration induced loosening.
- ROCOL RAPIDSEAL is NSF P1 listed and therefore acceptable for use in and around a food processing areas as a pipe sealant.
- WRAS (Water Regulations Advisory Scheme) approved material for use in contact with drinking water.
- ROCOL RAPIDSEAL replaces traditional paste/hemp combinations.
- Supplied in a convenient precision applicator which minimises waste, whilst its thixotropic nature reduces drips during application.

#### Specifications

- NSF P1 registered – 152681
- WRAS approved materials - 1910543

#### Directions for Storage and Use

- ROCOL RAPIDSEAL should not be applied in sub-zero temperatures.
- Ensure threads are completely clean and free of contaminants by using a suitable solvent cleaner such as ROCOL Industrial Cleaner Rapid Dry.
- Apply a single continuous bead of ROCOL RAPIDSEAL around the 2<sup>nd</sup> or 3<sup>rd</sup> male thread (for long thread engagements a second bead may be required further up the thread).
- Assemble the thread and tighten as per standard practice. Low pressure testing may be carried out immediately.
- Full cure time of ROCOL RAPIDSEAL will depend on ambient temperature etc. However, a full cure can take up to 6 hours.
- For natural gas and LPG installations the maximum thread size specified in EN751-1 is DN50 (2").
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 2 years from date of manufacture.

#### Typical Applications

- ROCOL RAPIDSEAL is ideal for sealing air, water (including potable), steam (up to 2 bar), natural gas, LPG, petrol, diesel, fuel oils, mineral oils, vegetable oils, alcohol and refrigerant gases.

# Technical Data

**ROCOL**<sup>®</sup>

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### FOLIAC Rapid-Curing Pipe Sealant for Universal Applications

| Property                              | Result   |
|---------------------------------------|--|
| Appearance                            | Fluorescent yellow compound  |
| Temperature Range                     | -50°C to +150°C  |
| Pressure Resistance                   | 1000 bar (14,500 psi)  |
| Flash Point                           | >100°C   |
| Brookfield Viscosity @ 25°C (2.5 rpm) | 70,000cps  |
| Curing Times:                         |  |
| Low Pressure Seal                     | Immediate  |
| Functional Strength                   | 1-3 hours  |
| Full Chemical Cure                    | 3-6 hours  |
| Maximum Thread Size                   | 3" diameter (Natural gas & LPG up to 2")   |
| Natural gas/LPG approval              | Meets the requirements of EN751-1 class H.<br>Suitable thread sizes DN10 to DN50 operating at pressures up to 5bar, temperature range -20°C to +125°C. |

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