Technical Data

Performance you can trust

STEAMSEAL

Foliac high pressure pipe sealant with graphite and manganese

Product Overview

ROCOL® STEAMSEAL is a graphite & manganese compound giving efficient sealing for ferrous and non ferrous pipework, however we would recommend testing on stainless steel prior to putting in to service.

ROCOL STEAMSEAL is a high pressure, setting pipe sealant for metallic threaded and flanged joints.

Typical Applications

ROCOL STEAMSEAL is primarily designed for the sealing of high pressure steam, air & water joints.

Features and Benefits

- ROCOL STEAMSEAL has an excellent temperature range from -20°C to +600°C.
- ROCOL STEAMSEAL can resist pressures of up to 193 bar (2800 psi).
- Joints sealed with ROCOL STEAMSEAL are easy to break and clean.
- ROCOL STEAMSEAL sets hard but is flexible enough to resist vibration, thermal expansion and contraction of pipework.
- ROCOL STEAMSEAL is compatible with foam forming leak testers such as ROCOL Leak Detector Spray.

Directions for Storage and Use

- ROCOL STEAMSEAL should not be applied in sub-zero temperatures. Ensure surfaces are clean and free of contaminants then apply with a brush.
- Remove any surface skinning and stir well before use.
- Joints should be assembled within 5 minutes of applying ROCOL STEAMSEAL
- Pressure testing should only be carried out after the PJC has been allowed to dry for a minimum of 24 hours at an ambient temperature of 20°C to 25°C. Drying time will be considerably lengthened if the ambient temperature is lower.
- Do not leave a fillet of sealant on the outside of the joint as this can drastically slow down the drying time.
- Hemp or other substitute fillers can be used on poor fitting joints, however, the STEAMSEAL must be applied to the male thread first, followed by the filler and then another coating of STEAMSEAL so that the filler is captive inside the STEAMSEAL.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 2 years from date of manufacture.

Pack Sizes

Pack size	Part Code
400g	30042

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Property	Test Method	Result
Appearance	N/A	Dark grey paste
Unworked Penetration	IP 50 – ASTM D217	260 - 320
Base Type	N/A	Linseed oil
Solids	N/A	Graphite & Manganese
Temperature Range	N/A	-20°C to +600°C
Pressure Resistance	N/A	193 bar (2800 psi)

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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