

Foliac Manganese PJC

Setting pipe sealant for metallic threaded and flanged joints

Product Overview

ROCOL® Foliac Manganese PJC is a graphite & manganese compound giving efficient sealing for ferrous pipework.

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Typical Applications

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

Features and Benefits

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

Directions for Storage and Use

- ROCOL Foliac Manganese PJC should not be applied in sub-zero temperatures. Ensure surfaces are clean and free of contaminants then apply with a brush.
- Joints should be assembled within 5 minutes of applying the PJC.
- 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-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 PJC must be applied to the male thread first, followed by the filler and then another coating of PJC so that the filler is captive inside the PJC.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 5 years from date of manufacture.

Pack Sizes

Pack Size	Part Code
400g	30042

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Property	Test Method	Result
Appearance	Visual	Dark grey compound
Unworked Penetration	IP 50 – ASTM D217	310 - 340
Base Type	N/A	Linseed oil
Solids	N/A	Graphite & manganese
Temperature Range	N/A	-20°C to +600°C
Pressure Resistance	N/A	193bar (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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