

GEBETANCHE 82

Functionality

Anaerobic sealing resin with PTFE for sealing conical and cylindrical metal threaded fittings.

- Sealing of hot and cold water systems.
- Sealing of central heating systems (cold water, hot water, glycol water, water with additives).
- Sealing of heating hydrocarbons (fuel oil, furnace oil, etc.).
- Sealing of compressed air and steam systems.

In France, for sealing on combustible gases, use GEBETANCHE GAZ certified NF RAC-GAZ by Certigaz.
For any specific use please contact our technical department.

Technical characteristics

Characteristics	Specifications
Appearance	Liquid gel
Color	Yellow
Density (NF T 30-020)	1.10
Maximum admissible clearance at the diameter	0.25 mm
Maximum diameter of connectors	2"
Type of connector	Must be made of metal. Plastic materials are forbidden
Capacity for disassembly	Cannot be disassembled
Temperature resistance	-30°C to +110°C, peak of +120 °C
Minimum application temperature	+10°C
Time open on bolts APZn M10	5 - 30 minutes (depending on temperature and gap)
Full polymerisation time	1 to 3 hours depending on the materials
Return to pressure at 20°C	5 bars = 15 minutes, 30 bars = 2 hours
Release torque	APZn M10 : > 10 N.m (1H), > 15 N.m (3H) Brass M10 : > 10 N.m (1H), > 15 N.m (3H) Stainless steel M10 : > 6 N.m (1H), > 6 N.m (3H)

Use

Preparation

- If necessary brush the connectors to remove any particles that may be stuck.
- Degrease with acetone, ethyl acetate ou alcohol solvent (do not use white spirit type solvents), then let dry.

Instructions for use

- Apply the product to the first 4 threads on the male part, smoothing the product to prevent air bubbles. The whole circumference of the joint must be coated.
- Screw on the female part.
- For connectors with conical male part (ISO 7), tighten with a spanner (until 50 N.m for a 1" connector and until 100 N.m for a 2" connector). Check that at least 4 threads have gripped.
- Wipe off excess product.
- Leave to polymerise for necessary time : 15 minutes to 2 hours depending on the pressure applied.

Consumption

A 75 mL bottle can be used to seal up to 100 1" fittings.

Material cleaning

Before polymerisation, the product can be cleaned with solvent.
The polymerised product can only be removed by mechanical action (metallic brush).

Safety precautions

The Material Safety Data Sheet is available on the Internet on www.quickfds.com or on www.geb.fr .

If the product is subject to detergent regulation : Component list available on request at reach@geb.fr

If the product is subject to biocide regulation or if it contains a biocide to protect it : Consult the Material Safety Data Sheet - Please use the products responsibly.

Tip

Successful sealing it based on good preparation of the substrates.

Comments

On passivating materials such as stainless steel, wait at least 3 hours before repressurising.






Storage

Store at a temperature between +5°C and +25°C.
The expiry date on packaging is for unopened product stored at 20°C in normal hygrometry conditions.
Air in the bottle helps product conservation.

Packaging and waste sorting

Refer to the information on the product and to the applicable local regulations.

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Products		Gebétanche Eau Potable RT1	Gebétanche Chauffage	Gebétanche 82	Gebétanche Gaz	Gebétanche Hydrocarbures
						
Fluids	Drinking water	✓	-	-	-	-
	Water and steam	✓	✓	✓	-	-
	Compressed air	✓	✓	✓	✓	-
	Gaz	-	✓ except in France	-	✓	-
	Oils and hydrocarbons	-	✓	✓	-	✓
Removable		Up to 1"	No	No	No	No
Continuous use T°C	Water	150°C	110°C	110°C	-	-
	Other fluids	-	110°C	110°C	150°C	110°C
Repressurisation		10 min until 5 bars	15 min until 5 bars	15 min until 5 bars	20 min until 5 bars	15 min until 5 bars

The information contained on the technical datasheet is provided in all good faith and results from measurements made in our laboratory. Given the number of materials, differences in quality and diversity of working methods, we recommend that users perform tests prior to application under actual conditions of use.

This document may be amended in keeping with product development and the state of our knowledge without prior notice and therefore it is recommended to check on <http://www.geb.fr> that you have the latest version before use.