

GEBETANCHE HYDROCARBONS

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Functionality

Anaerobic jointing resin for sealing tapered or cylindrical metallic threaded joints.

- Sealing of pipes carrying hydrocarbons such as: fuel, petrol, fuel oil, oils, solvents (ethyl acetate, alcohol, etc.).

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

Technical characteristics

Characteristics	Specifications
Appearance	Liquid gel
Color	Green
Density (NF T 30-020)	1.10
Maximum permitted gap at diameter	0.25 mm
Maximum joint diameter	2"
Joint type	Must be metallic (steel, copper, brass, etc.) Not for use on plastic materials
Capacity for disassembly	Cannot be disassembly
Temperature resistance	-30 °C to +110 °C, +120°C in peak
Minimum service 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 materials
Repressurisation at 20°C on 1" fitting	5 bars = 15 minutes, 30 bars = 2 hours
Uncoupling 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)

Compatible products:

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|--|--------------------------|
| - Butyl acetate | - Synthetic oils |
| - Acetone | - Hydraulic oils |
| - Diluted acetic acid | - Mineral oils |
| - Alcohols | - Kerosene |
| - Dichloromethane (methylene chloride) | - Methylene ketone (mek) |
| - Diluted Javel water | - Perchloroethylene |
| - Unleaded petrol (95 and 98 octane) | - Lamp oil |
| - Superfuel (95 and 98 octane) | - Toluene |
| - Fuels | - Trichloroethylene |

- Diesel
- Glycerol
- Glycols
- White spirit
- Xylene

Use

Preparation

- If necessary, brush the joints to remove any particles that may be stuck.
- Degrease with an acetone, ethyl acetate or alcohol solvent (do not use white spirit type solvents) and then dry both parts to be assembled.

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 joints with a tapered male part (ISO 7), prestress (up to 50 N.m for a 1" joint and up to 100 N.m for a 2" joint). Make sure that at least 4 threads are engaged.
- Wipe off any excess product.
- Leave to cure for the necessary time:
 - Fuel, fuel oil, diesel: wait at least 15 minutes until 2 bars.
 - Other petroleum products (petrol, toluene, xylene, etc.), wait at least 2 hours before repressurising until 8 bars.
 - For pressures above 30 bars, whatever fluid, leave to harden for 6 hours after assembly.

Consumption

A 75mL bottle is sufficient for up to 100 1-inch connections.

Material cleaning

Before curing, the product can be cleaned using solvent.

Once cured, the product can only be removed by mechanical action (sanding).

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

A successful seal depends on proper surface preparation.

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.

The air in the bottle is necessary for its conservation

Packaging and waste sorting

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

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.