



Filetfix® III (anaerobic resin)

Sealant for threaded connections in contact with liquid petroleum gas, hot water, air and petroleum products.

- **Complies with Positive Lists (CLP) for contact with drinking water.**
- **Complies with EN 751-1 Class H / DVGW approval (sealants for threaded connections in contact with gas and hot water).**
- **Certified by CERTIGAZ NF RAC-GAZ (NF 540), sealing materials for threaded gas fittings.**
- **Complies with WRAS drinking water certification.**

* excluding installation meeting the TRGI 2018 standard



Description

Virax Filetfix® III is a fast polymerizing resin developed for sealing connections carrying liquids or gases. Its handling time allows repositioning the parts to assemble while offering instant pressure resistance for advantageous substitution to other sealing means. These assemblies can then be disassembled easily with classical tools.

Storage

Use the product before the expiry date indicated on the bottle. The lifetime depends on the product's storage at a temperature between 5°C and 25°C in its original packaging; non-compliant storage conditions shorting the product's lifetime.

CAUTION:

DO NOT HANDLE AFTER POLYMERISATION. FILETFIX® III CAN NEVER COMPENSATE FOR FAULTS OF THE THREADED FITTING. DO NOT USE ANAEROBIC RESINS FOR ASSEMBLIES IN CONTACT WITH PURE OXYGEN OR STEAM. FOR BRASS COUPLING ON HOT WATER CIRCUIT, PERFORM PRELIMINARY TESTS.

NB: Copper and copper alloys polymerize faster. Oxidized or passivated surfaces as well as zinc polymerize slower. Large gaps slow or prevent polymerization.

Hygiene and safety

Before the first use, read the Material Safety Data Sheet on the www.virax.com.



Example of use:

On a Ø1" pipe installation, at room temperature (20°C), sealing is guaranteed after 5 minutes and up to 50 bar pressure.

Tip: From 2" Ø, apply Filetfix® III on the male and female parts.

Temperature of use of Filetfix after polymerization: -55°C to +150°C (variable according to the materials, see table below*)

Data valid for implementation in accordance with the operating manual:

Nature of the junction Male / Female	Water			Gas, Hydrocarbons.	
	Ø ₁ ≤ 1"	1" < Ø ₂ ≤ 2"	2 < Ø ₃ ≤ 4"	Ø ₁ < 2"	Ø ₂ ≥ 2"
Steel / Steel	130°C	130°C	100°C	70°C	Please call
Copper Alloy / Copper Alloy	130°C	70°C	Please call	70°C	Please call
Copper Alloy / Steel or assembly of different metals	100°C	70°C	Please call	70°C	Please call
Stainless steel / Stainless steel	130°C	70°C	Please call	70°C	Please call
Steel / Copper	130°C	70°C	Please call	70°C	Please call

*based on laboratory testing.

- Polymerizing occurs only from 5°C.
- Repositionable for 3 minutes after application
- Sealing is guaranteed after 5 minutes.
- Complete polymerization after 24h (72 h for stainless steel) .

Caution

- The polymerization time may vary outside these standard conditions of use. Please call. Filetfix® III can never compensate for faults of the threaded fitting.
- Not to be used on plastics.
- Filetfix® III is suited for contact with water-glycol mixes, but not inside a solar installation, nor an installation where the junction is made between two different materials and where high temperatures would cause different expansion.
- The maximum gap must be less than 0.3 mm.

The information and recommendations herein result from our experience and our in-house laboratory testing and we believe them to be true. However, we can issue no guarantee and waive any liability for their accuracy and no statement herein shall be considered as a declaration of liability or guarantee. In each case, we strongly recommend the purchasers to perform tests before using any product, to their own satisfaction, to ensure that the product meets their particular requirements under the conditions pertaining their operations. Filetfix, Virax and the Virax logo are registered trademarks.

Revision date: 09/2025

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