

## 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 the GDF specifications.
- Complies with EN 751-1 Class H / DVGW approval \* (sealants for threaded connections in contact with gas and hot water).
- Complies with WRAS drinking water certification.

\* excluding installation meeting the TRGI 86/96 standard

### Description

Virax Filetfix® III is a fast polymerizing resin developed for sealing connections carrying liquids or gases. It complies with GDF specifications sheet CERUG – MC2-AL/AP/ No.5758 for threadings complying with the ISO 7-1 standard (conical/cylindrical and conical/conical). 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.

### Hygiene and safety

Before the first use, read the Material Safety Data Sheet on the [www.virax.com](http://www.virax.com).

### Instructions for use

Apply Filetfix® III on clean, dried and degreased surfaces. A dry solvent, such as acetone, is recommended for this operation.

The product can be applied to the thread to connect directly from the bottle.

Tighten the parts to be assembled at the appropriate torque using a tool.

Caution: Do not apply additional loads to the connections already made.

### CAUTION:

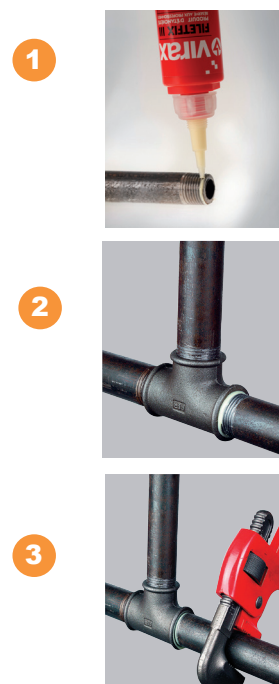
**DO NOT HANDLE AFTER POLYMERISATION.**

**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.



Examples of use for commissioning:

- On an installation with 1" Ø Steel / Steel tubes, at ambient temperature (20°C) and with a pressure of 7 bar, commissioning can be performed within 2 hours.
- Caution! From 2" Ø, apply Filetfix® III on the male and female parts.

**Minimum / maximum temperature of use (after polymerization):**  
**- 55°C to +150°C (variable according to the materials, see table below)**

**Data valid for standard use:**

Nature of the junction Male / Female	T	Water			Gas, Hydrocarbons.	
		Ø <sub>1</sub> ≤ 1"	1" < Ø <sub>2</sub> ≤ 2"	2 < Ø <sub>3</sub> ≤ 4"	Ø <sub>1</sub> < 2"	Ø <sub>2</sub> ≥ 2"
Steel / Steel	5'	130°C	130°C	100°C	70°C	Please call
Copper Alloy / Copper Alloy	3'	130°C	70°C	Please call	70°C	Please call
Copper Alloy / Steel or assembly of different metals	3'	100°C	70°C	Please call	70°C	Please call
Stainless steel / Stainless steel	10'	130°C	70°C	Please call	70°C	Please call
Steel / Copper	3'	130°C	70°C	Please call	70°C	Please call

T = repositioning time

NB: In case of coated metal, the repositioning time is 5 minutes.

Polymerizing occurs only from 5°C.  
 Complete polymerization after 24 H.

## Caution

The polymerization time doubles with every 8°C decrease in temperature of use.

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 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.

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