

iFIT

Installations made simple





iFIT

Fewer components, more options

System description

iFIT is an innovative installation system with a unique modular adapter technology for plumbing and heating. Thanks to its modular system, iFIT provides more options using 50% fewer system components compared with conventional installation systems. This means low stocking at maximum flexibility.

With the introduction of George Fischer's iFIT, plumbing technology has taken another step forward. Never before it has been easier and safer to install polybutene and multilayer composite pipes in the dimensions d16, d20, d25 and d32.

iFIT facilitates working across dimensions, i.e. each module can be connected to pipes of dimensions 16/20 or 25/32. In addition, polybutene and multilayer composite pipes can be used.

Thus, you can always choose the best option and the most efficient solution for your installation.



Benefits

+ Plumbers

Quick and easy installation

In a few simple steps to a safe connection, thanks to the used push-fit system

Visual and audible click lock

Window in the adapter and click sound when plugging the adapter onto the module

Fewer components

50% fewer components thanks to the modular system

Cross-dimensional use

Each module can be connected to pipes of dimensions 16/20 or 25/32

Cost efficient

No expensive tools and low storage costs

+ Home owners and planners

High operational safety

The materials used have a high resistance to corrosion and lime stone

Suitable for all types of installation

Suitable for plumbing and heating installations

Cost effectiveness

Saving cost thanks to up to 50% fewer components; low storage costs and inexpensive tools

Environmentally friendly

Installation without external power supply; reusable fittings

iFIT

High-quality materials, easy installation



Specifications

Physical properties

Multilayer composite pipes

Polybutene

maximum operating temperature	95 °C / 5 bars	95 °C / 5 bars
maximum non-stop operating pressure	10 bars / 70 °C	10 bars / 70 °C
thermal conductivity (pipe)	0,43 W / mK	0,32 W / mK
pipe roughness	0,007 mm	0,007 mm

+ Piping materials

Diffusion-tight multilayer composite pipe with inner and outer layer made of PE-RT (temperature resistant polyethylene) with butt welded aluminium for plumbing and heating.

Homogeneous polybutene (PB) all-plastic pipe for plumbing.

+ Fitting materials

Fittings made of high-performance plastic (PPSU) and of dezincification-resistant, low-lead brass.

Application and installation

The modular adapter system iFIT meets highest economic standards. Conventional installation systems for plumbing and heating usually consist of 250 to 300 components, which makes it sometimes hard for the plumber to have the required part available. The iFIT push-fit system offers a solution. Thanks to its modular system, the plumber requires only half the components for the same number of applications, thus replacing the twenty most important components of a conventional installation system and reducing storage costs. This additionally and significantly reduces the number of components the technician is required to take along to the installation site.

In almost any situation, the plumbers will have the required component at hand; they will not need to undertake expensive trips to shops or to the warehouse, which in turn is reflected in a significantly higher productivity.

Two dimensions (e.g. adapter d16 and adapter d20) can be connected to each base body, which is referred to as a module. This means: A piece can be combined with suitable adapters d16 and d20 to form six different piece variants.



iFIT

Optimum comfort thanks to highest quality

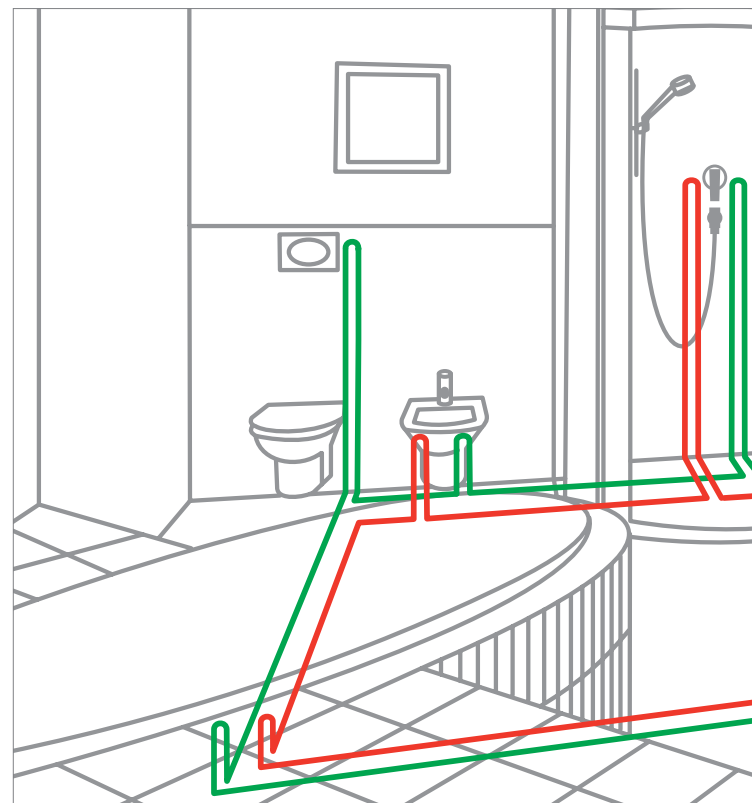


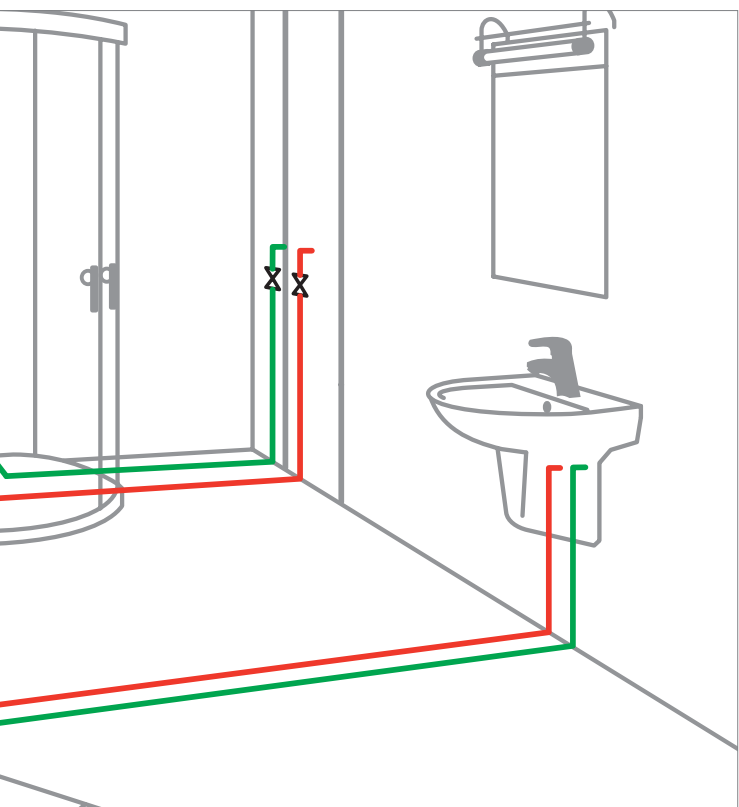
Example bathroom installation

Besides fashionable tiles and modern taps, smoothly working and reliable plumbing is prerequisite to fully enjoy the comfort of your bathroom.

Plastic drinking water pipes are a crucial factor. To function properly, water pipes must be durable, reliable and highly corrosion resistant.

iFIT is suitable for all types of installation (such as single tap points, piece or looped installation) in new buildings, conversions and reconstruction of small and large properties.





Quality assurance and product approval

The iFIT system is subject to permanent monitoring by various internal and external testing bodies ranging from quality assurance during production to various ISO certifications concerning environmental and process safety. In addition, iFIT meets the requirements for key applications in building technology and is subject to constant monitoring by a number of approval authorities (such as SVGW, DVGW, ÖVGW, SITAC, GL, DNV, etc.) for drinking water and heating systems both on land and at sea.



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