

Piping systems

**TECElogo-Push –
SAFE INSTALLATION,
SIMPLY BY HAND**





YOUR HANDS ARE THE BEST TOOLS FOR THE TECElogo-Push.

You already have the right tool for our professional installation system TECElogo-Push: your hands. You no longer need any pressing tools on the construction site. Simply work with your hands: maintenance-free, theft-proof and always the right size. TECElogo-Push is intelligent professional technology, quick to push-fit and permanently secure. Discover the advantages. And show what a real hands-on expert you are.

“Modern connector technology must be fast to assemble – and without expensive tools. I need something that lets me get the job done on any construction site.”



Fittings made from plastic that is suitable for potable water or metal (threaded parts)

Clamping ring for a secure hold

Two O-rings for permanently tight connections

Rotatable sleeve with large inspection window

Hygienic plug to prevent the ingress of dust and dirt



The advantages

- Fast, simple assembly by hand
- Light, handy tool case
- Can be dismantled and reused
- Ideal for potable water and heating installations
- Dimensions from 16 to 63 mm

View now:
TECElogo-Push
Assembly video



TECElogo fittings and pipes: for the best connection.

TECElogo-Push fitting

A compact design and suitable for construction sites: the TECElogo-Push fitting has impressed with these characteristics for many years. Its high impact resistance is achieved through the combination of the high-performance plastic PPSU® and fibre-reinforced polyamide. The latter is also used in the automotive industry, e.g. in chassis components. We use red brass and silicon bronze for the threaded fittings. All materials that come into contact with water are listed in the evaluation principles and guidelines of the Federal Environment Agency and fulfil the requirements of Art. 17 of the Potable Water Regulation, which makes them ideally suited for use with potable water. The TECElogo system is DVGW-certified for installation in potable water systems.



- 04
- 1 Inspection window "white" when push-fit connection is made
 - 2 Inspection window "dark" when push-fit connection is not made

Other advantages

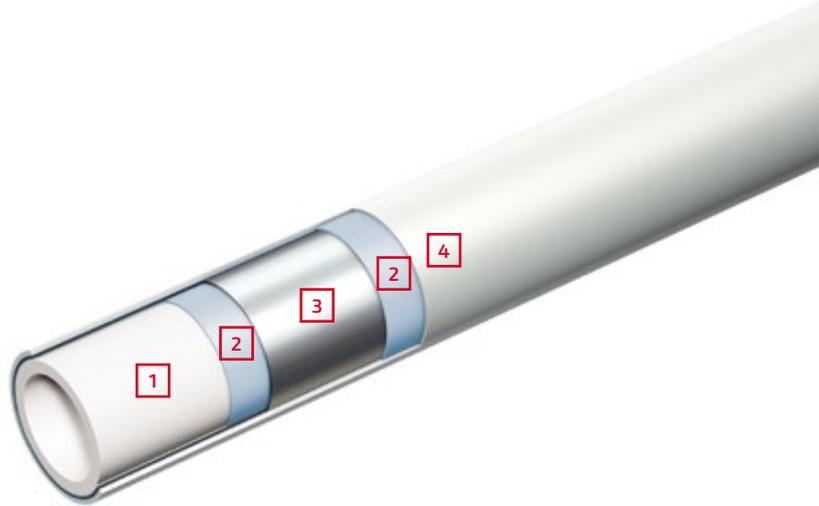
- Inspection window indicates the insertion depth at a glance
- Inspection window can also be rotated by 360° after insertion
- No need to mark the insertion depth on the pipe
- Processing safety through automatic check after the insertion procedure. All windows white means: all connections correctly made
- The clamping ring keeps the connection permanently tight, even under compressive and tensile loads

TECElogo composite pipe

The TECElogo composite pipe combines the best properties of metal and plastic pipes. It impresses with excellent bending and laying capabilities. Responsible for this are the stable inliner and butt-welded aluminium layer.

The advantages

- Linear expansion comparable to that of metal pipes
- With butt-welded aluminium casing
- Completely diffusion-tight
- Can also be used in visible areas thanks to the outer white layer



- 1 Inliner (PE-RT or PE-Xc)
- 2 Bonding agent
- 3 Aluminium layer
- 4 Protective white layer made of PE-RT

The installation system for professionals.

“Fast, simple, light”: That’s how you can answer anyone who asks about the installation of TECElogo-Push. Because with TECElogo-Push, you’ll assemble everything in no time at all. We have designed the system so that you can work without heavy pressing tools. To save you time, weight and money.



1. Cut to length



2. Calibrate



3. Push together

Fast assembly

You'll save time if you only need to push-fit and no longer need to press. And a whole lot of it: according to a study conducted by the Münster University of Applied Sciences, the fitters they surveyed saved up to 30 % compared to previously used systems.

Simple assembly

It's fast and easy to assemble the TECElogo-Push professional system: **(1)** Cut to length, **(2)** Calibrate, **(3)** Push together, done.

Quickly made, can be pulled apart in an emergency. From 16 to 63 mm.

If you want to make a TECElogo-Push connection, all you'll need is a calibration tool and your hands for all sizes. Two turns with the tool and a very small amount of force when pushing together ensures a permanently tight connection. For potable water, heating or compressed air. For dimensions 16 mm, 20 mm or even 63 mm. No risk of confusion with the seals, no heavy pressing machines and no complicated work steps. Chamfer, push together, done.



06

Wrongly inserted, easily undone

You're just making the last connection and then it happens: you push the wrong fitting on! With TECElogo-Push, that's not a problem: you can unscrew the fitting in a few turns and put the correct fitting in its place. And you can re-use the pipe and fitting elsewhere. That saves money and protects the environment. Fast, simple, safe: TECElogo.



16 mm



20 mm



25 mm



32 mm



40 mm



50 mm



63 mm



Everything you need

With the practical TECElogo-Push belt bag, you'll always have the tools you need with you. And changing size can be done in seconds. Fast, simple, light. That's TECElogo-Push.

Lightweight case

You'll find everything you need to make or undo a TECElogo-Push connection in this small case. However, what you won't find compared to conventional pressing machines are the high purchase costs or weight. And you'll also search for annual maintenance costs in vain, because what applies to the tool also applies to the TECElogo-Push: fast, simple, light.

1.5 kg



TECElogo-Push case
31 x 30 x 11 cm

15 kg



Pressing tool case
50 x 35 x 20 cm

“When I have to install pipes in narrow shafts, I don't have the room for a pressing machine. So I want to do everything by hand.”



A piping system is only as good as its suitability in practice. That's why, when developing the TECElogo, we also considered what you do on site every day: coping with tight spaces, sometimes working overhead, and even being able to undo an incorrectly made connection from time to time. When you work with TECElogo, you'll quickly realise that every detail makes sense.



Small space, no problem

TECElogo lets you work comfortably, even when space gets really tight. Without a pressing tool, you can also reach hard-to-access areas and narrow slots effortlessly.

Our range: wish-list of fitters with high standards.

The TECElogo product range fulfils every wish

It includes push-fittings in all common sizes from 16 to 63 mm, as well as simple pipe bend guides and pressing adapters for stainless steel or copper pipes. In short: everything the demanding fitter needs on the construction site. Here is a small selection of products from the TECElogo range that simplify your daily work:



Universal thanks to push-fit technology

The TECElogo universal wall disk can be combined with any 20 mm TECElogo plastic fitting. This enables the fitter working on site to mount any fitting required – including a tee and an elbow – onto the wall disk. Done. Universal. Diverse. Flexible.



TECElogo-Push tee PPSU



TECElogo-Push tee reduced PPSU



TECElogo-Push coupling PPSU



TECElogo-Push coupling reduced PPSU



TECElogo-Push 90° elbow PPSU

One wall disk – all possibilities

- Direct looping through with a tee
- Top or bottom supply for separating the laying of cold and hot water
- Direct reduction possible



TECElogo-Push 90° push-fitting elbow

The solution when things get narrow in a shaft, for example.



TECElogo-Push universal double wall disk

The fast and easy way to loop through the connection via the wall disk.



TECElogo-Push push-fit wall bushing with attachment nuts

The variable depth setting is suitable for wall thicknesses of up to 35 mm and the TECElogo-Push connector can be mounted directly to it. Whether an elbow, tee or coupling.

Even simpler: the TECEfloor heating manifold with TECEfloor-Push connections

Kneeling on the floor with big open-ended spanners and working in a restricted space? You can do much better than that: the TECEfloor heating manifold guarantees fast installation without tension in the pipe and permanent leak-tightness.





Quality

With TECElogo, you can be sure of consistently high quality and thus permanently stable and safe connections. Because in the laboratories of our in-house quality assurance department, we use complex methods to continuously test the individual TECElogo components. As you'd expect, we have all the key national and international approvals required for TECElogo.



kiwa

KOMO



SINTEF

You can find further information at
www.tece.com

TECE GmbH
International business
T +49 25 72/9 28-999
international-business@tece.de
www.tece.com