

Simply connected.

Geberit Supply Systems

**KNOW
HOW**
INSTALLED

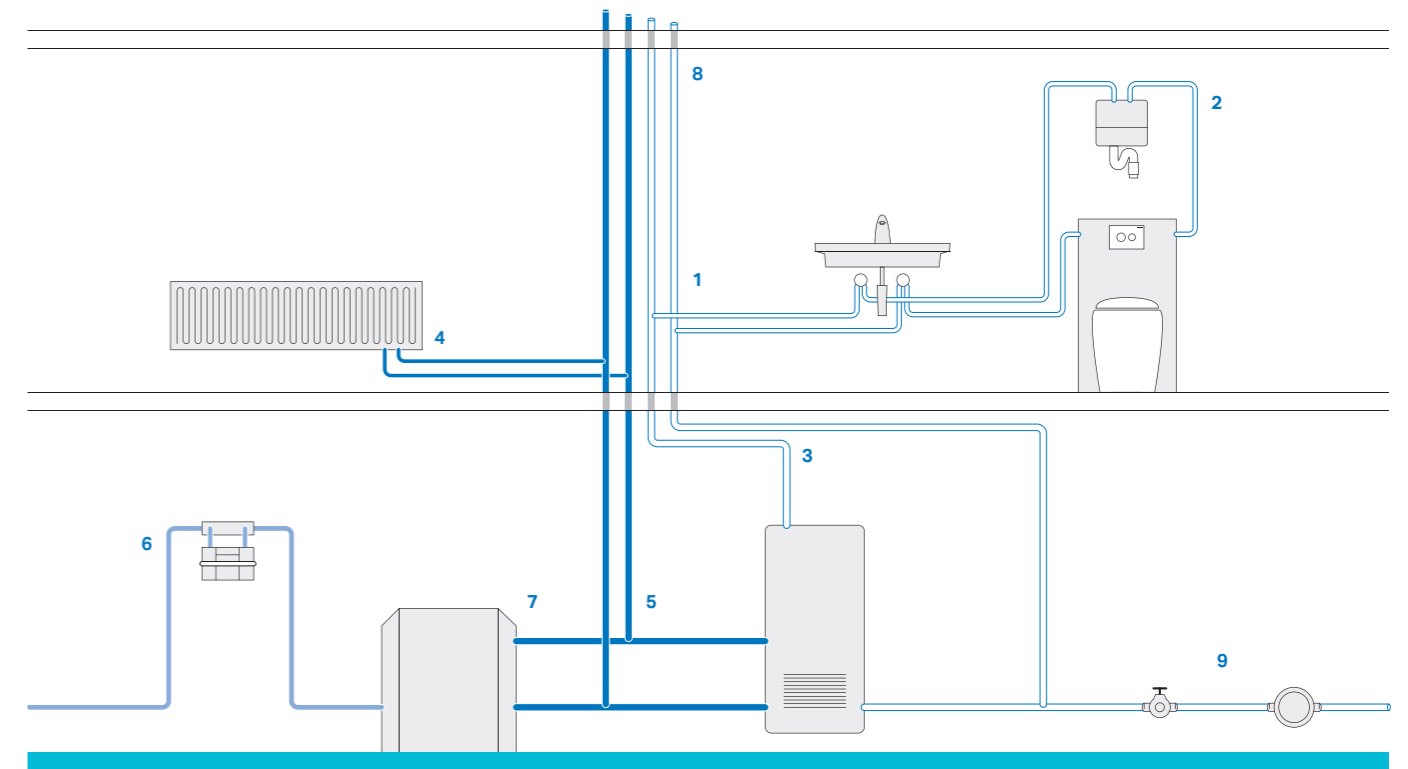


Geberit Supply Systems: Lifelines for modern buildings.

A modern building works like a complex organism: it must be supplied with water, heat, energy and more. Geberit delivers the solutions that maintain its functions reliably and consistently: drinking water, heating, cooling, gas, compressed air, etc.

– Geberit Supply Systems for residential buildings, industry and public buildings provide the confidence your customers expect from you.

Everything leakproof. Permanently.



1	Geberit pressing systems	6 – 7
2	Geberit Mepla	8 – 11
3	Geberit Mapress Stainless Steel	12 – 15
4	Geberit Mapress Carbon Steel	18 – 19
5	Geberit Mapress Copper	20 – 21
6	Geberit Mapress for gas, solar, saturated steam and industrial applications	22 – 23
7	Geberit pressing tools	24 – 25

Geberit pressing systems. Safe and economical supply.

Safe and long-lasting connections are the primary goal in all areas of pipe installation. In addition, a quick and easy installation is important to the installer. The Geberit Mapress and Geberit Mepla pressing systems meet these requirements perfectly

They focus on reliability by providing mechanical strength and hydraulic tightness

In Geberit press connections, the pipe is pushed into or onto pressfittings with the necessary insertion distance or the visible pipe insertion depth and then pressed using the pressing tool. By pressing the pressfitting and the pipe, the required mechanical strength is achieved. The permanent hydraulic tightness is obtained through the resilience of the O-ring. The established connection between pressfitting and pipe is permanent and lengthways non-positive. The pressing tool, which has been specially designed to suit Geberit supply pipes, ensures a precise, simple, and reliable pressing sequence.

Visibly safe during the pressure test

Maximum safety for the installer is a top priority for our systems. For this reason, the unpressed joints of Geberit systems leak during the pressure test on them. Defined leak paths ensure that leaks are visible. This applies to pressure tests with water as well as when pressure-testing with air. In addition, all pressfittings in Geberit Mapress range are equipped with a pressing indicator. As a result, non-pressed connections can be easily identified even before the pressure test is carried out.

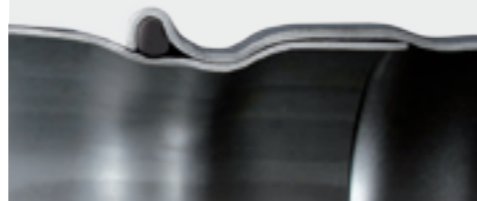
Almost limitless application ranges

Thanks to the variety of product materials and the wide range of pipe diameters and fittings available, the two pressing systems Geberit Mapress and Geberit Mepla cover almost every area of application in pipe installation. They can be used in anything from domestic installations with drinking water systems, heating systems and gas systems to special applications in industrial areas and in shipbuilding. The Mapress and Mepla systems are also suitable for chemical and thermal disinfection.

Trouble-free system transitions: Everything fits together

Transitions between different product materials and systems can be done without any problems thanks to the numerous adapters. For example, in heating installations, Geberit Mapress Carbon Steel can be used for the basement distribution and the riser pipe and Geberit Mepla multilayer pipe system for the radiator connection – so there is no need for complicated sealing with hemp or the use of a threaded adapter. Just insert – press – done.

The press connection ensures mechanical strength and hydraulic tightness.



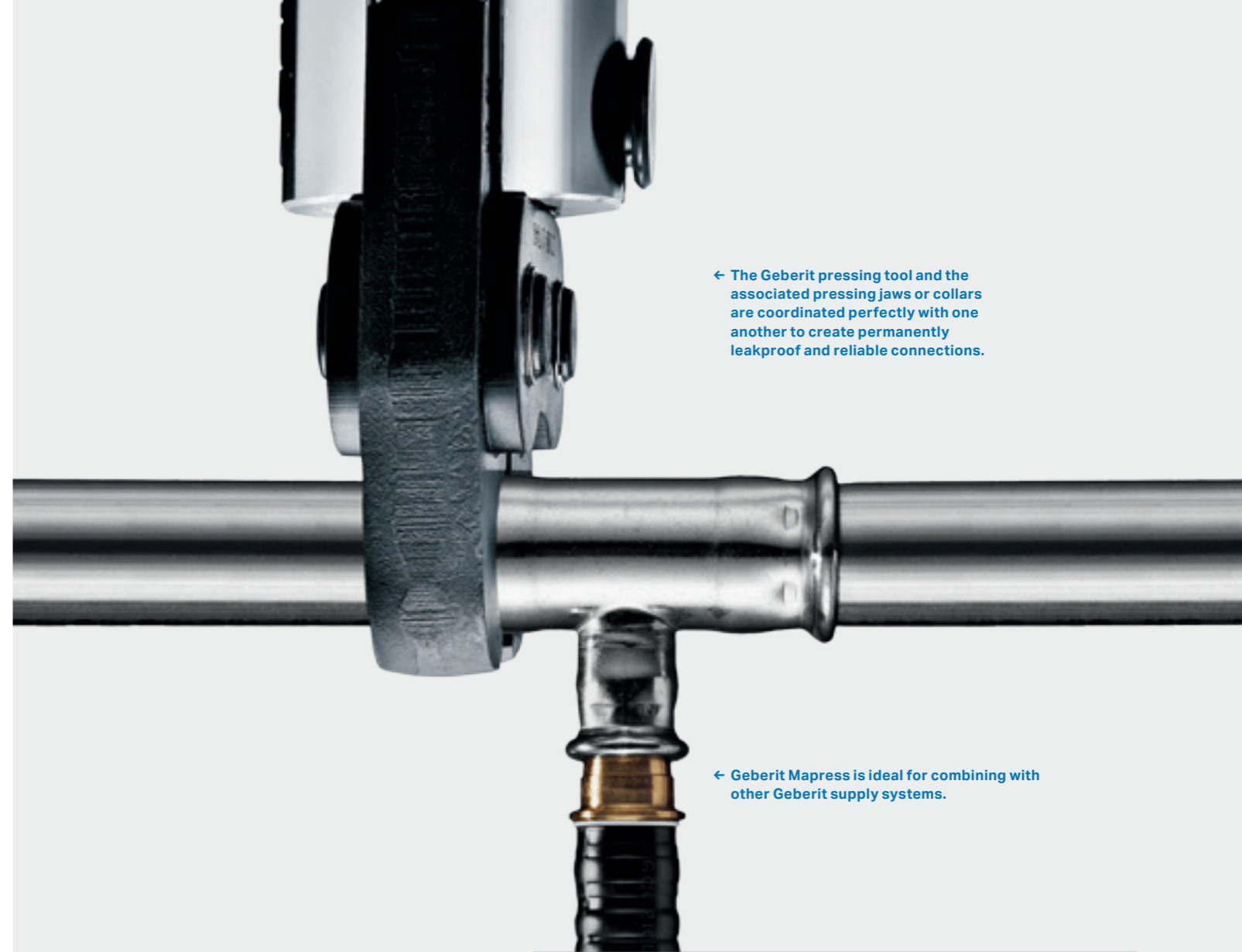
The seal ring provides the pressing indicator with additional safety.



The pressing indicator on all Geberit Mapress pressfittings indicates unpressed connections – even before the pressure test.



← The Geberit pressing tool and the associated pressing jaws or collars are coordinated perfectly with one another to create permanently leakproof and reliable connections.



← Geberit Mapress is ideal for combining with other Geberit supply systems.

- Perfectly coordinated system with fitting, pipe and pressing tool with pressing jaw or collar
- Three metallic pressing systems and the Geberit Mepla multilayer pipe system offer precision-fitting and economical solutions for a wide range of requirements
- Strictly implemented quality requirements ensure permanently leakproof connections
- Safety when processing: unpressed connections are immediately visible
- Flexibility and economic efficiency thanks to systems that can be combined with one another
- The pressing tool, which has been specially designed to suit Geberit supply pipes, ensures a trouble-free and reliable pressing procedure

Geberit Mepla.

Safe – simple – economical.

The Geberit Mepla multilayer pipe system combines the characteristics of synthetic product materials with those of metals in an extraordinary way. The multilayer pipe, which consists of an inner pipe made of PE-RT, an aluminium pipe and a protective PE-RT layer on the outside, allows for easy, safe and flexible processing, whilst also complying with strict hygiene standards. The fittings, made of PVDF, gunmetal and brass, ensure a high degree of safety during processing as well as reliable tightness. These characteristics make Geberit Mepla especially well suited to potable water supplies and radiator connections.

Three layers for the perfect system in potable water and heating applications
The outer plastic layer, made of PE-RT, protects against corrosion and mechanical influences, while the butt-welded aluminium layer in the middle makes the pipe stable yet bendable and forms a barrier against diffusion. The inner layer, which is also made of PE-RT, is corrosion-resistant and food-safe. With its resistance to pressure far beyond the standard testing pressure of 15 bar, the multilayer pipe is truly robust. Geberit Mepla can be used for all potable water qualities in accordance with country-specific potable water ordinances – previous analysis of the drinking water is not required.

The connection for safe drinking water installations
Geberit Mepla is equipped with three safety precautions. The pipe insertion depth, which is always visible, indicates the correct position of the pipe on the fitting. The bead on the fitting helps position the tool and ensures a precise pressing operation. Finally, unpressed connections can be clearly identified during the leak test. In addition to the fittings made of PVDF, a wide assortment of fittings made of gunmetal or brass is available for threaded connections.

Economical processing thanks to system technology
The quick and safe connection technology as well as the bendable product material make Geberit Mepla an economical supply system. Clever connections such as the MeplaFix adapter ensure a quick connection to Geberit installation elements. The Geberit Mepla adapter T-piece to MeplaFix facilitates the loop-through processing method. This method saves pipe material, fittings and installation time. These savings can result in a cost benefit of up to 20%. The Geberit Mepla adapter to Geberit Mapress allows Geberit Mepla and Geberit Mapress to be combined.

Hygienic down to the finest detail
Geberit Mepla fittings and pipes are equipped with protection plugs. To ensure the highest possible degree of potable water hygiene, the protection plugs are only removed shortly before installation. The loop-through option that can be used when installing potable water pipes with Geberit Mepla adapter T-pieces to MeplaFix reduces the stagnation of tap water, thus providing an effective contribution to preventing potable water contamination. The hemp-free connections also have a positive impact on potable water hygiene.

DN	Dimension	Permissible operating temperature for drinking water	Permissible operating temperature for heating	Permissible operating pressure
Unit	mm	°C	°C	bar
12	16 x 2.25	0-70	0-85	10
15	20 x 2.5	0-70	0-85	10
20	26 x 3.0	0-70	0-85	10
25	32 x 3.0	0-70	0-85	10
32	40 x 3.5	0-70	0-85	10
40	50 x 4.5	0-70	0-85	10
50	63 x 4.5	0-70	0-85	10
65	75 x 4.7	0-70	0-85	10

	Drinking water	Heating	Gas	Sprinklers	Extinguishing water	Compressed air	Solar systems	Heating oil	Vacuum installations	Open water circuits	Rainwater	Treated water	Industrial plants
Mapress Stainless Steel	X	X	X	X	X	X	X	X	X	X	X	X	X
Mepla	X	X				X			X	X	X	X	X
Mapress Carbon Steel		X		X	X*	X**	X***	X					X
Mapress Copper	X	X	X			X	X	X	X	X			X

* Only for wet extinguishing water pipes (non-drinking water)
** Dry compressed air
*** Possibly with additional corrosion protection measures; only with carbon steel pipe, outside zinc-plated

→ Safely sealed, Geberit Mepla pipes stay hygienically clean until they are installed.



← Geberit Mepla fittings: perfect hygiene characteristics thanks to protection plugs.



- Inherently stable, bendable and corrosion-resistant
- Proven press connection without sleeve, precise pressing operation due to bead on fitting
- Non-pressed connections are visibly leaky
- High resistance to pressure
- Pipes and fittings are hygienically sealed
- Can be chemically and thermally disinfected
- Suitable for any potable water quality; no drinking water analysis required
- Adapters to all Geberit installation elements
- Adapters for quick connection to Geberit Mapress

Geberit Mepla.

Easy to handle.

The Geberit Mepla assortment leaves little to be desired: pipe dimensions from 16 to 75 mm with or without preinsulation and a wide selection of around 300 fittings made of PVDF, gunmetal or brass allow the system to be used very flexibly.

Geberit Mepla is more corrosion-resistant and lighter than metal pipes, and more inherently stable and robust than plastic pipes. Therefore it can be bent and processed easily and safely. These advantages alone put the case for Geberit Mepla. Installers bend the pipes with a dimension of up to 20 by hand and connections up to a dimension of 26 can be pressed with the Geberit Mepla hand-operated pressing pliers. Plus, the convenient hand-operated pressing pliers offer noticeable advantages in processing situations with limited space. In heating installations, Geberit Mepla ticks all the right boxes with clever fittings such as the T-piece crossing for connecting to two pipes installed parallel to one another without intersecting.

One system. One tool. One warranty.

With Geberit Mepla, you only need one system for the potable water and heating supply. But above all, you only need one processing tool.

Simple fire protection solution

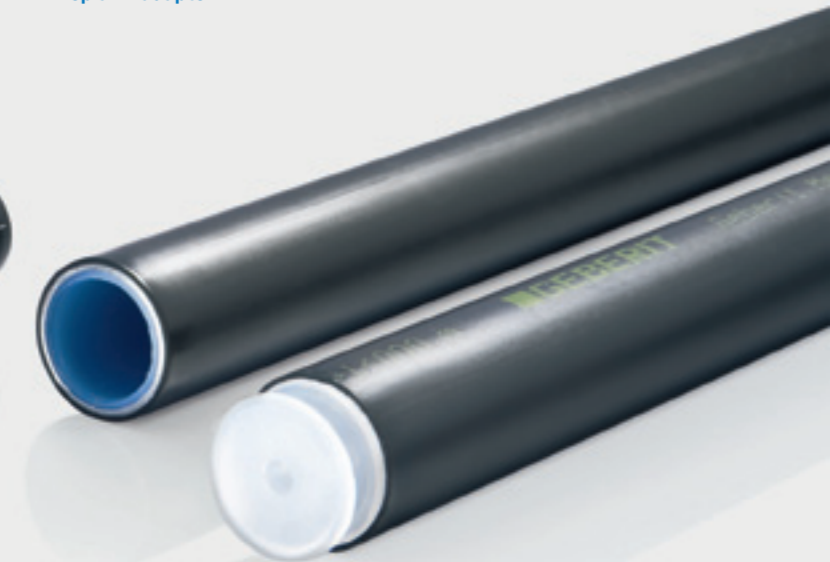
With the fire protection pipe shells manufactured by Rockwool and Armacell, ceiling and wall feed-throughs can be created quickly, easily and economically. At the same time, they meet the insulation requirements of potable water installations. Moreover, short minimum distances allow for smaller duct dimensions.

Choose Geberit Mepla and you are choosing to be ecologically responsible

Geberit Mepla is 97% recyclable, separated into aluminium and plastic.



↓ Loop through potable water hygienically and economically: adapter T-piece with MeplaFix adapter.



- Comprehensive assortment: Dimensions from 16 to 75 mm
- Dimensions of up to 20 mm can be bent by hand
- Dimensions from 16 to 26 mm can be processed with hand-operated pressing tools
- Simple fire protection solution
- For a radiator connection from the wall, floor or skirting board
- Also available pre-insulated

Geberit Mapress Stainless Steel.

Safe, versatile and pressure-resistant.

From potable water supplies to complex industrial supply pipes, all the way through to installations in hospitals that have high demands in terms of hygiene: Geberit Mapress Stainless Steel delivers top performance every day – worldwide.

Potable water, service water, compressed air, gases, chemicals and more

When it comes to hygiene, temperature, pressure or aggressive liquids, you will always make the right decision by choosing Geberit Mapress Stainless Steel, which has proven its worth not only in domestic installations, but in industrial plants too.

No compromises with regard to potable water hygiene

Geberit Mapress Stainless Steel is suitable for chemical and thermal disinfection where this is required by directives and regulations or in cases where the supply network has been contaminated.

Solutions for almost any requirement

Eleven dimensions from 12 to 108 mm, roughly 500 fittings – with Geberit Mapress Stainless Steel there is a solution that fulfils almost any requirement.

Pressing indicator for visible safety

Thanks to the pressing indicator on the Geberit Mapress Stainless Steel fitting, unpressed connections can be identified quickly even before the pressure test. The blue colour of the pressing indicator signals the product material stainless steel. In addition, the dimension can be clearly read on the indicator.

	Drinking water	Heating	Gas	Sprinklers	Extinguishing water pipes	Compressed air	Solar systems	Heating oil	Vacuum installations	Open water circuits	Rainwater	Treated water	Industrial plants
Mapress Stainless	X	X	X	X	X	X	X	X	X	X	X	X	X
Mepla	X	X				X			X	X	X	X	X
Mapress Carbon steel		X		X	X*	X**	X***	X					X
Mapress Copper	X	X	X			X	X	X	X	X			X

* Only for wet extinguishing water pipes (non-drinking water)

** Dry compressed air

*** Possibly with additional corrosion protection measures; only with carbon steel pipe, outside zinc-plated

Protection plug for additional hygiene

All pressing sockets of Geberit Mapress pressfittings are equipped with a protection plug. The plug protects the insertion area and the seal ring of the fitting from dust and dirt prior to the pressing operation and increases the hygiene and safety of the supply pipe. The colour of the protection plug also identifies the application.

Easy and safe to process

Geberit Mapress Stainless Steel pipes can be bent in any dimension. The Geberit Mapress adapter to MeplaFix guarantees a quick and safe screw connection to the Geberit installation elements. Compatibility with other Geberit supply pipes facilitates optimum and even more economically efficient usage. What is more, thanks to the uniform Geberit Mapress pressing contour, you need only one tool.

→ The protection plug protects against impurities and identifies the application. In addition, the respective dimension can be clearly seen.



↑ Twice the safety: pressing indicator and seal ring.

- For extreme requirements in terms of potable water hygiene and a high load bearing capacity
- Chemical and thermal disinfection possible
- Can be used for a multitude of media using the corresponding seal rings
- Also approved for media such as hydrogen, oxygen, acetylene and others
- Pressing indicator identifies unpressed connections even before the pressure test
- Large assortment: 11 dimensions from 12 to 108 mm, roughly 500 fittings
- System compatibility with Geberit Mepla and the other Geberit Mapress product materials

Geberit Mapress Stainless Steel.

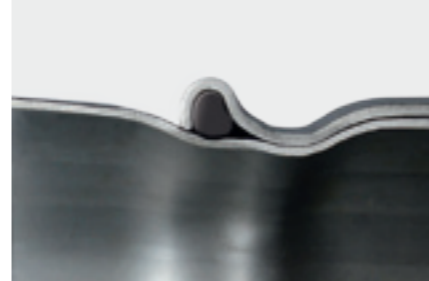
Master high requirements perfectly.

- Increased corrosion resistance thanks to higher molybdenum content
- Thermal and mechanical finishing treatment of weld seams
- Geometries and designs optimised through FEM calculation
- High resistance to pressure up to 40 bar, depending on the dimension
- Temperature-resistant up to 120 or 220 °C (depending on seal rings)

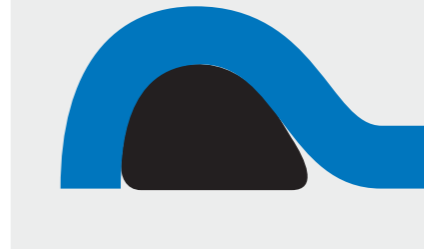
Thermal and mechanical treatment for a homogeneous product material structure in the weld seams.



Exact spheroidisation of the seal ring for long-term tightness and high mechanical strength.



Spheroidisation of the seal ring during the pressing sequence.



DN	Dimension	Permissible operating temperature	Permissible operating pressure
Unit	mm	°C	bar
10	12.0 x 1.0	-30 – +120	16
12	15.0 x 1.0	-30 – +120	16
15	18,0 x 1,0	-30 – +120	16
20	22.0 x 1.2	-30 – +120	16
25	28.0 x 1.2	-30 – +120	16
32	35,0 x 1,5	-30 – +120	16
40	42.0 x 1.5	-30 – +120	16
50	54.0 x 1.5	-30 – +120	16
65	76.1 x 2.0	-30 – +120	16
80	88.9 x 2.0	-30 – +120	16
100	108.0 x 2.0	-30 – +120	16

To meet your requirements for an efficient supply system, we place high demands on the manufacture, processing and economic efficiency of Geberit Mapress Stainless Steel. The result is plain to see – a million times over.

Precise weld seams and homogeneous product material performance for an optimum pressing operation

A homogenous product material structure is achieved in the fitting and in the raw material as well as in the weld seams thanks to special thermal treatment. The weld seams are smoothed by additional mechanical treatment. This way we can be sure that the pipe and the fitting behave in the same way during the pressing operation and thus ensure reliable tightness.

Extremely smooth surface for optimum flow behaviour

Careful finishing treatment of the surfaces is a prerequisite for permanent tightness of the system. Geberit only uses components with very low surface roughness values. These roughness values are below those specified by European standards. On the one hand, this guarantees a flow behaviour that avoids any deposits whatsoever even on the weld seams and, on the other hand, offers you the certainty that the seal ring will fit perfectly anywhere.

Continuous checking for excellent fitting precision

We calculate shapes and designs based on the finite element method (FEM). As a result, we know exactly how the system elements behave during the pressing operation. The system components are characterised by their high dimensional precision. During the manufacturing process, the diameters, radii and wall thicknesses of the fitting beads of the pressfittings are checked continuously. This enables trouble-free installation, prevents the formation of

burrs after the pressing operation and guarantees that the sealing element will function perfectly.

Sophisticated alloy for stability and durability

The optimum composition of the alloy components ensures a high degree of safety in terms of corrosion, deformation and stability of the product materials and systems. The experience gained over the last 40 years has helped us to combine product materials that work in perfect harmony with one another, forming high-quality system components. Our demands on the quality of the product material are subject to stricter criteria than those of the European directives. For example, in the Geberit Mapress Stainless Steel system we use an alloy with a molybdenum content of at least 2.2%, which is higher than that required by the applicable European standards.



Geberit Mapress Carbon Steel.

Safety for closed circuits.

The right choice for closed circuits such as water heating systems, cooling water systems, sprinkler systems and compressed air networks. You can recognise Geberit Mapress Carbon Steel fittings by the red pressing indicator. Like all Geberit Mapress systems, the Geberit Mapress Carbon Steel system pipe is pressed easily and safely. The pressing indicator and the protection plug provide additional safety.

Plasticcoated or outside zinc-plated
The Geberit Mapress Carbon Steel system pipes made of non-alloy steel (product material no. 1.0034) can be delivered with or without plastic coating. The coated

pipes, which are available in diameters from 12 to 54 mm, are protected on the outside with a cream-coloured jacketing (RAL 9001) made of polypropylene and are especially suitable for visually discreet surface mounting. The non-coated pipes available in diameters from 12 to 108 mm are protected against corrosion through galvanization.

Safe processing

Thanks to the red pressing indicator on all Geberit Mapress Carbon Steel fittings, unpressed connections are quickly visible even before the pressure test. The readable dimension provides a quick orientation guide. All pressing sockets on Geberit metallic fittings have a protection plug. It protects the fittings from dust and dirt until they are pressed.

System compatibility for optimised economic efficiency

The proven Geberit Mapress pressing system ensures a high degree of safety and economic efficiency for the Geberit Mapress Carbon Steel system too. Pipe and fitting dimensions from 12 to 108 mm and more than 400 fittings offer a solution for practically every application. The high stability of the pipe requires only a few

fastening points and allows for great supporting distances. With matching adapter fittings, a connection to Geberit Mepla and Geberit PushFit can be established quickly, easily and safely.

Mapress Carbon Steel pipes for sprinkler, compressed air and fire mains

These Mapress Carbon Steel pipes are made of a non-alloy steel, inside and outside galvanized (material no. 1.0215) and are especially suitable for sprinklers, compressed air and fire mains.* The product material combination of steel/zinc also creates cathodic protection that prevents corrosive processes. Geberit Mapress Carbon Steel pipes have received the internationally recognised "FM APPROVED" quality seal, which also confirms their suitability for fixed water extinguishing systems as well as sprinkler systems on ships.

DN	Dimension	Permissible operating temperature	Permissible operating pressure
Unit	mm	°C	bar
10	12.0 x 1.2	-30 – +120	16
12	15.0 x 1.2	-30 – +120	16
15	18.0 x 1.2	-30 – +120	16
20	22.0 x 1.5	-30 – +120	16
25	28.0 x 1.5	-30 – +120	16
32	35.0 x 1.5	-30 – +120	16
40	42.0 x 1.5	-30 – +120	16
50	54.0 x 1.5	-30 – +120	16
65	76.1 x 2.0	-30 – +120	16
66.7	66.7 x 1.5	-30 – +120	16
80	88.9 x 2.0	-30 – +120	12
100	108.0 x 2.0	-30 – +120	12

	Drinking water	Heating	Gas	Sprinklers	Extinguishing water pipes	Compressed air	Solar systems	Heating oil	Vacuum installations	Open water circuits	Rainwater	Treated water	Industrial plants
Mapress Stainless Steel	X	X	X	X	X	X	X	X	X	X	X	X	X
Mepla	X	X				X			X	X	X	X	X
Mapress Carbon Steel		X		X	X*	X**	X***	X					X
Mapress Copper	X	X	X			X	X	X	X	X			X

* Only for wet extinguishing water pipes (non-drinking water)

** Dry compressed air

*** Possibly with additional corrosion protection measures; only with carbon steel pipe, outside zinc-plated

- Designs with a choice of cream-coloured PP jacket or outside zinc-plating
- 12 dimensions from 12 to 108 mm, more than 400 fittings
- High resistance to pressure (up to 16 bar)
- Pressing indicator identifies non-pressed connections even before the pressure test
- Geberit Mapress Carbon Steel system pipes can be bent up to a dimension of 54 mm
- Temperature resistance up to 120 or 220 °C (depending on seal ring)
- Economical processing without hazards
- System compatibility with Geberit Mepla and the other Geberit Mapress product materials

↓ Adapter fittings enable requirement-compatible transitions between the Geberit system families, e.g. Geberit Mapress Carbon Steel to Geberit Mepla: attach – press – done.



↓ Geberit Mapress Carbon Steel with PP coating.

↓ Geberit Mapress Carbon Steel with outside galvanized.

↓ Geberit Mapress Carbon Steel pipe, inside and outside galvanized, for sprinkler, compressed air and extinguishing water pipes.

↓ Additional safety thanks to a red pressing indicator and protection plug.



Geberit Mapress Copper.

The classic material.

Resistant, convenient and safe: these are the characteristics that the installation material copper is known for. Geberit Mapress Copper combines them with clever connection technology, which allows copper pipes to be processed and laid without soldering or welding. Furthermore, this offers the additional benefits of the pressing indicator and the cover.

Popular in many applications

For heating circuits and cooling water systems, for gas and compressed air pipes, as well as for potable water – copper is still the number one product material on many building sites. Geberit Mapress Copper can also be used for special applications with increased pressure requirements.

Safe processing without an open flame

With Geberit Mapress Copper, you can carry out your modernisation and renovation projects without using an open flame. The white pressing indicator ensures that unpressed connections can be located quickly even before the pressure test. The contour seal ring in all pressing sockets provides additional safety. It is equipped with defined leak paths so that non-pressed fittings can be located right away during the pressure test.

Comprehensive fitting assortment and clever connections

The fitting assortment comprises dimensions from 12 to 108 mm and can be used for temperatures up to 120 °C. The system can be used for pressures of up to 16 bar. The Geberit Mapress pressfittings are made of high-quality copper pipes with a Cu-DHP alloy. Increased hygiene is ensured by the protection plug, which protects the insertion area and the seal ring of the fitting from dust and dirt until it is processed. Thanks to the large variety of

adapter fittings in all dimensions, establishing a connection to other Geberit systems is easy. We recommend the use of copper pipes in compliance with BS EN 1057 for processing the Geberit Mapress Copper pressing system.

Quick connection to Geberit concealed cisterns and washbasin taps

The Geberit Mapress adapter to MeplaFix lets you connect to Geberit concealed cisterns and Geberit elements for washbasins quickly and easily. Mounted without tools – quickly and safely.

DN	Permissible operating temperature	Permissible operating pressure
Unit	°C	bar
10–100	-30 – +120	16

	Drinking water	Heating	Gas	Sprinklers	Extinguishing water pipes	Compressed air	Solar systems	Heating oil	Vacuum installations	Open water circuits	Rainwater	Treated water	Industrial plants
Mapress Stainless Steel	X	X	X	X	X	X	X	X	X	X	X	X	X
Mepla	X	X				X			X	X	X	X	X
Mapress Carbon Steel		X		X*	X*	X**	X***	X					X
Mapress Copper	X	X	X			X	X	X	X	X			X

* Only for wet extinguishing water pipes (non-drinking water)

** Dry compressed air

*** Possibly with additional corrosion protection measures; only with carbon steel pipe, outside zinc-plated

→ Additional safety thanks to white pressing indicator and protection plug



↑ Dimensions from 12 to 108 mm and numerous fittings ensure a wide range of applications.

- Insert, press, done: no soldering, no welding, no sealing with hemp
- Pressing indicator identifies non-pressed connections even before the pressure test
- Additional safety thanks to seal ring
- Optimised geometries and connections
- High resistance to pressure, up to 16 bar
- Temperature resistance up to 120 or 220 °C, depending on seal ring
- Uncomplicated transitions to all other Geberit systems
- With different seal rings also usable for gases

Geberit Mapress.

For gas, solar, saturated steam and special applications.

Fittings and pipes must fulfil specific pre-requisites for gas, solar, saturated steam and special applications. Special O-rings and the available pipe dimensions make the Geberit Mapress pressing system the right choice for many applications.

Gas applications safely under control

The Geberit Mapress Copper and Geberit Mapress Stainless Steel pressing systems have all the necessary approvals for natural and liquefied gases as well as some industrial gases. The fittings available for gas installations can be easily distinguished by their yellow signal colour; they are factory-fitted with a yellow seal ring made of HNBR and protected by a yellow protection plug.

Geberit Mapress Copper, Gas in dimensions up to 54 mm

The assortment comprises pressfittings with dimensions of 15 to 54 mm. The installation of quality copper pipes in compliance with BS EN 1057 is a prerequisite for the use of Geberit Mapress Copper, Gas.

Geberit Mapress Stainless Steel, Gas up to a dimension of 108 mm

With a dimension from 15 to 108 mm, the Geberit Mapress Stainless Steel pressing system can be used for the installation of natural and liquefied gas pipes without restriction.

Geberit Mapress Stainless Steel for sprinklers

Geberit Mapress Stainless Steel press-fittings are approved for wet and dry systems in combination with the red seal ring made of FKM.

Safe circuit for solar and industrial applications

The pipes used for solar systems must be suitable for the special solar media; in particular, the Antifrogen® and Tyfocor® liquid thermal media that are used in the majority of applications. Moreover, solar installations must withstand temperatures of up to 180 °C. Geberit Mapress Stainless Steel, Geberit Mapress Carbon Steel and Geberit Mapress Copper with the blue seal ring fulfil all the conditions for solar installations. In combination with the blue seal ring, the Geberit Mapress system can also be used for additional industrial applications such as oils, fuels and chemicals.





Extensive know-how in seal ring for saturated steam

Geberit also provides a seal ring for saturated steam applications, with proven long-term durability. The seal ring is permanently able to stand up to the strict requirements of cyclically operated facilities. The standard black seal rings inserted into the pressfittings at the factory are replaced with the seal rings for saturated steam by the installer prior to installation. This means that all the fittings from the extensive Geberit Mapress assortment are available.

- Approvals for gas, solar and special applications
- Processing without the risk of fire
- Gas fittings are factory-fitted with a yellow seal ring.
- Can be easily distinguished from other systems thanks to the yellow marking and protection plug
- Pipelines can be quickly and safely pressed for saturated instead of welding them



Thanks to the variety of seal rings available, the Geberit Mapress pipe system can be used for a diverse range of applications.

	Black	Blue	Yellow	White
				
Applications	Drinking water Heating Cooling Service water Oil-free compressed air Inert gases Wet sprinkler systems Extinguishing water	Remote network heating water ≤ 140 °C Compressed air (oil purity class 0-X) Synthetic oils Mineral oils Heating oil Fuels Fire extinguishing foam for solar systems *1)	Natural gas Methane Liquefied gas	Saturated steam (also operated cyclically)
Operating temperature	-30 °C to +120 °C	-20 °C to +140 °C *1) -25 °C to +220 °C (short-term)	-20 °C to +70 °C	+5 °C to +155 °C

Geberit pressing tools.

Make rapid progress using electrohydraulics.

Thanks to lithium-ion batteries, pressing tools have to go to the charging station less frequently.



Handy pressing tools for small building sites and occasional use.



Work on building sites has to progress quickly and safely in order to achieve excellent efficiency. Geberit pressing tools offer low-weight and high-performance technology for pressing all the fittings in Geberit systems.

Pressing tools for all pipe dimensions

The range extends from handy pressing tools for small building sites to electrohydraulic tools for making rapid progress and ensuring low fatigue. It includes matching pressing jaws and pressing collars.

Fast, low-fatigue working

Electrohydraulic pressing technology offers a number advantages over conventional electromechanical pressing technology. Not only are the devices particularly small, light and handy. The technology makes it possible to achieve a higher pressing speed and thus progress more quickly in the job. This increases the economic efficiency of your building site.

State-of-the-art battery technology and "log book"

The Geberit pressing tools ECO 203 and ECO 301 are electrohydraulically driven, and the Geberit pressing tool ACO 203 is additionally equipped with state-of-the-art lithium-ion battery technology. As a result of the long battery life and short charge times, the tools have to go to the charging station less frequently and for shorter periods, so that comparatively few work stoppages occur. A slim, non-slip handle ensures safe and ergonomic handling. An electronic "log book" with a diagnostic function counts the pressing sequences and indicates that a tool service inspection is due after approx. 40 000 applications. For a full list of compatible tools please contact Geberit.

- Pressing tools for all pipe dimensions
- Hand-operated pressing tools for simple applications
- Highly efficient electrohydraulics for economic and fast working



Know-How Installed.

Reliable and innovative – at technology's cutting edge for more than 125 years.

Geberit offers complete sanitary solutions from a single source, with all systems and components seamlessly coordinated to work together. The innovative solutions reduce planning, material and operating costs as well as installation workload – offering more safety, more solution possibilities and more economic efficiency.



1 Geberit cisterns & mechanisms

Exposed and concealed cisterns, clever flush control solutions for urinals and water-saving conversation sets for older cisterns - all of the flush control technologies offer the perfection you have come to expect from Geberit, down to the finest detail. In combination with the Geberit Monolith sanitary modules, the various attractive Geberit flush plates and Geberit urinal flush controls, exceptional flush solutions can be created for WCs and urinals which are a perfect fit for the modern bathroom.



3 Geberit drainage systems

The sound-absorbing and space-saving Geberit Silent-db20 drainage system for building drainage in residential construction, the sound-optimised Geberit Silent-PP push-fit connection system, Geberit PE for buried discharge pipes and use in industrial and laboratory drainage, and the Geberit Pluvia syphonic roof drainage system can be combined to form complete solutions for disposal.



2 Geberit Supply Systems

The Geberit Mapress and Geberit Mepla pressing systems, together with an assortment of product materials, dimensions and fittings that work in perfect harmony, ensure quick, easy, reliable and economical installation of domestic and industrial supply systems. Naturally, the necessary pressing tools are part of the system. The robust Geberit PushFit connection system ensures quick and flexible floor connection.

→ **Geberit – the strong brand for sanitary solutions.** Innovation, technical knowledge and integrated systems have been part of our success story with sanitary engineers, plumbers, operators and users for more than 125 years. Additionally, our training centres around the world offer basic and advanced training to more than ten thousand sanitary specialists every year.

Know-How Installed is in everything we do.



**KNOW
HOW
INSTALLED**

Sustainable.

From production to the product right up to recycling.



For further information, visit:

→ www.geberit.co.uk/Mepla

[/Mapress](http://www.geberit.co.uk/Mepla/Mapress)

Water is life. For this reason, we do everything possible as a manufacturer of sanitary systems and products to use natural resources with care to help protect the environment.

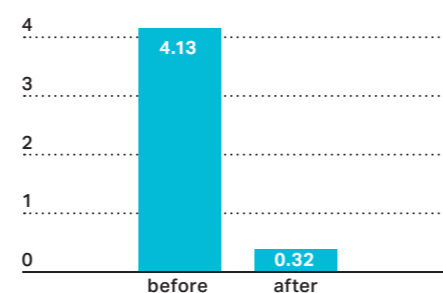
This begins with the research and development of our products and extends to daily use and responsible recycling. Geberit products are long-lasting, reliable goods which make a significant contribution to conserving natural resources and reducing water consumption.

The subject of sustainability is gaining an increasingly high profile - and this goes for the field of sanitation too. New solutions are in demand. With Geberit Mepla system pipes, which have multiple layers made of aluminium and high-quality plastic, Geberit is proving that environmentally friendly and efficient manufacturing is its top priority. As a result, it has been possible to reduce water consumption per meter of pipe by 90% and energy consumption by more than 60%.

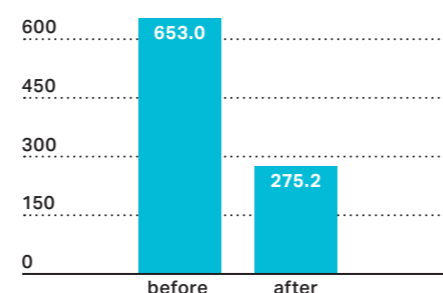
The advantages for you as a plumber are clear: you benefit from robust, long-lasting solutions which can be laid easily and quickly – and thanks to resource-saving product materials, you make a sustainable contribution to the environment at the same time.

For more than 20 years, sustainability has been much more than just a word for Geberit. We pursue specific goals and set standards when it comes to water-saving products, energy efficient production and solutions for sustainable building, among other areas.

Water consumption during production in litres per meter of Geberit Mepla pipe



Energy consumption during production in Wh per meter of Geberit Mepla pipe



Geberit Sales Ltd
Geberit House
Academy Drive
Warwick
Warwickshire
CV34 6QZ

T 0192 651 6800
F 0844 800 6604
Eire +44 (0)1926 516 800
Literature 0800 007 5133

→ www.geberit.co.uk

