

# GEBERIT SUPPLY SYSTEMS VERSATILE FOR **TREATED WATER**

Treated water is used in a wide range of applications, with substances either removed or added depending on the intended use. Targeted adjustment of water quality is required, for example, in drinking water, filling water for cooling and heating systems, or industrial and service process water. Geberit offers piping systems for virtually all types of treated water.

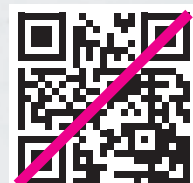
**Company**

Street  
City  
Country

P 00 00 000 00 00  
F 00 00 000 00 00  
name@geberit.xy

[www.geberit.xy/industry](http://www.geberit.xy/industry)

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Check the chemical resistance  
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↑  
Geberit Mapress with stainless steel adapters



↑  
Geberit FlowFit with stainless steel adapters



↑  
Geberit Mepla with plastic adapters

**GEBERIT MAPRESS**

The Geberit Mapress Stainless Steel pressing system is suitable for nearly all treated water types, including softened or fully demineralised water, as well as ultrapure water with conductivities of  $\geq 0.1 \mu\text{S/cm}$ . It ensures reliable hygiene and corrosion resistance at pH values of  $\geq 4$ . All standard methods of treated water production, such as distillation, ion exchange and reverse osmosis, are generally suitable.

**GEBERIT FLOWFIT**

The flow-optimised supply system made of metal composite material can be installed effortlessly with just two pressing jaws for eight pipe dimensions.

**GEBERIT MEPLA**

The Geberit Mepla pressing system combines the advantages of plastic and metal pipes. Its multilayer pipes enable easy routing and flexible adaptation to the constructional situation.

**SEAMLESS SYSTEM TRANSITIONS**

Transitions from Geberit Mepla or Geberit FlowFit to Geberit Mapress Stainless Steel are simple with the right system components. Within the Geberit Mepla piping system, threaded transitions can be made in PVDF to ensure the water quality is safely maintained.

**APPLICATION AREAS**

Treated water – excluding heating and cooling applications

	Geberit Mapress			Geberit multilayer systems	
	Geberit Mapress Stainless Steel 1,4401	Geberit Mapress Stainless Steel 1,4521	Geberit Mapress Copper CW024A	Geberit FlowFit	Geberit Mepla
Softened water > 5° dH	○	○	○	✓	✓
Softened water < 5° dH	○	○	○ <sup>2)</sup>	✓ <sup>1)</sup>	✓ <sup>1)</sup>
Demineralised water, level of purity 3 (conductivity 1 to 20 $\mu\text{S/cm}$ )	○	○		✓ <sup>1)</sup>	✓ <sup>1)</sup>
Demineralised water, level of purity 2 (conductivity 0.1 to < 1 $\mu\text{S/cm}$ )	○	○		✓ <sup>1)</sup>	✓ <sup>1)</sup>
Demineralised water, level of purity 2+ (conductivity 0.056 to < 0.1 $\mu\text{S/cm}$ )	○	○			
Demineralised water, level of purity 1 (conductivity > 0.055 to < 0.056 $\mu\text{S/cm}$ )					
Demineralised water, level of purity 1+ (conductivity 0.055 $\mu\text{S/cm}$ )					

<sup>1)</sup> The Geberit Mepla and FlowFit fittings made of gunmetal, copper, silicon bronze and brass are not suitable for softened water of < 5° dH or demineralised water LP3 and LP2.

<sup>2)</sup> On request

○ Applications with black CIIR seal ring for the Geberit Mapress system and with EPDM seal ring for Geberit Mepla, with predetermined operating data

**NOTE**

Pressing systems are not suitable for water with higher requirements, such as ultrapure water grade 1 or ultra-ultrapure water grade 1+, or water used in pharmaceutical production (highly purified water) / for injection purposes (water for injection). Higher requirements may include conductivity < 0.1  $\mu\text{S/cm}$ , CFU < 10/ml and TOC < 10 or seamless pipe joints.