

GEBERIT SUPPLY SYSTEMS PROVEN SAFETY FOR INDUSTRIAL GASES

Geberit Mapress Stainless Steel and Mapress Stainless Steel (Gas) are tested and approved systems for a wide range of industrial gases and gas mixtures, as well as for fuel gases. These press systems offer a high-quality, cost-effective alternative to welded, soldered or screwed piping systems.

The positive-fit and lengthways non-positive connections are quick and easy to assemble and guarantee a high degree of tightness (leak rate of $< 1 \cdot 10^{-5}$).

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Check the chemical resistance
for Geberit pipe systems with
Geberit PipeSelect:
<https://pipeselect.geberit.fi/>



GAS APPLICATIONS SAFELY UNDER CONTROL

Geberit Mapress Stainless Steel (Gas) and Copper (Gas) hold all the approvals required for fuel gases in accordance with DVGW G 260. The fittings for gas installations feature a yellow marking and are also equipped with yellow protective plugs. This makes them easy to distinguish from other Geberit fittings at first glance. To ensure safe sealing during transport of the volatile medium gas, they are fitted with a yellow O-ring made of hydrogenated acrylonitrile-butadiene rubber (HNBR).

Geberit Mapress Stainless Steel and Mapress Copper can also be used for a variety of inert industrial gases using the black standard seal ring according to the TÜV component certificate. Everything from shielding gases for welding applications through to packaging gases for the food industry is possible with the systems. Geberit Mapress Stainless Steel can even be used for various active gases such as oxygen and hydrogen.



↑ For industrial gases, the Geberit Mapress pressing system can be used in all dimensions from 15 to 108 mm



↑ Geberit fittings for gas applications feature a yellow seal ring and a yellow cap.

APPLICATION AREAS

Other gases on request

		Geberit Mapress Stainless Steel 1.4401	Geberit Mapress Stainless Steel (Gas)	1.4401 Geberit Mapress	Copper ¹⁾ CW024A Geberit Mapress	Copper ¹⁾ (Gas) CW024A Temperature range (°C)
Industrial gases	Acetylene	○				-10 to +50
	Argon, argon mixtures	○				-10 to +60
	Helium	○		○		-10 to +60
	Carbon dioxide	○				-10 to +60
	Oxygen	○				-10 to +60
	Nitrogen	○		○		-10 to +60
	Hydrogen (industrial gas)	○				-10 to +60
	Shielding gases according to DIN EN ISO 14175	○		○		-10 to +60
	Synthetic air	○		○		-10 to +100
Fuel gases approved in accordance with DVGW Worksheet G 260	Natural gas		○		○	-20 to +70
	Treated biogas		○		○	-20 to +70
	Propane/butane		○		○	-20 to +70
	Hydrogen (fuel gas)		○			-20 to +70

NOTE

All system pipes and fittings are metallically bright, free of grease and oil, hygienically perfect and free of corrosive materials when delivered. The operating pressures listed in the TÜV component certificate are limited by test reports, expert reports, standards and/or regulations in some cases depending on the medium (gas or combustible liquids, for example). Details available on request.

- Applications with black CIIR seal ring with predetermined operating data
- Applications with yellow HNBR seal ring with predetermined operating data

¹⁾ In connection with quality copper pipes in accordance with DIN EN 1057 and DVGW GW 392. Additional gases and max. permissible operating pressures depending on gas type on request.