

Energy supplier.

Geberit Supply Systems for fuels and oils

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HOW
INSTALLED**



Geberit Supply Systems for fuels and oils.

Geberit Mapress in stainless steel and carbon steel is suitable for transporting fuels and oils. Our pressing systems have been in use in fuel and oil supply pipes for over 15 years, particularly in the automotive industry, in workshops and in petrol stations. The permanently high tightness of the connection and its quick and simple installation technology mean that Geberit Mapress is a state-of-the-art, high-quality and economical connection technology.

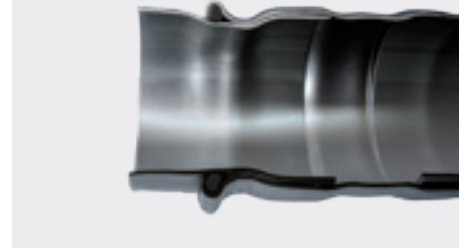
Geberit Mapress Stainless Steel

System pipes and pressfittings made of high-alloy, austenitic, stainless CrNiMo steel with material number 1.4401 in accordance with DIN EN 10088, with dimensions d12–108 with TÜV component ID TÜV.A.271-07.

Geberit Mapress Carbon Steel

Pressfittings made of non-alloy carbon steel E195 with material number 1.0034 in accordance with DIN EN 10305, outside zinc-plated, in conjunction with system pipe made of non-alloy carbon steel E195 with material number 1.0034 in accordance with DIN EN 10305, outside zinc-plated with dimensions d12–108 or polypropylene (PP) unjacketed with dimensions d12–54 in accordance with DIN EN 10305 with TÜV component ID TÜV.A.271-07.

Permanently tight lengthways non-positive connections.



All systems with pressing indicator and seal ring – for twice the safety.



Seal ring, FKM, blue with a wide range of applications.



Maximum operating pressures subject to pipe dimension and pressing tool used, details and higher pressures on request:

25 bar with dimension d12–54 (stainless steel),
25 bar with dimension d12–35 (carbon steel),
16 bar with dimension d42–54 (carbon steel),
12 bar with dimension d76,1–108 (stainless steel and carbon steel).

Fuels and oils

	Approval in accordance with VdTÜV Geberit Mapress		Approval in accordance with DIBt Geberit Mapress	
	Stainless steel		Carbon steel	Carbon steel
	CIIR black	FKM blue	FKM blue	FKM blue
Heating oil/diesel		x	x	x
Biodiesel		x	x	x
Petrol ROZ 95		x		
Petrol ROZ 98		x		
Kerosene		x		
Bioethanol	x	x		
Methanol	x	x		
Engine oils (SAE)		x	x	x
Transmission oils (SAE)		x	x	x
Waste oils (SAE)		x	x	x
Urea nitrate, e.g. AdBlue	x	x	x	

Pressures in accordance with DIBt: 10/16 bar.

Pressures in accordance with TÜV: stainless steel: d12–28: 25 bar, d35–54: 16 bar, d76,1–108: 12 bar.

Note

The DIBt approval covers the use of Geberit Mapress for oils/fuels up to hazard category A III (flash point > 55 °C). On the basis of the TÜV component certificate and in accordance with the requirements of the Pressure Equipment Directive (PED) and the relevant regulations, e.g. the German Ordinance on Flammable Liquids (VbF) and the adopted Technical Regulations for Flammable Liquids (TRbF), the Geberit Mapress Stainless Steel pressing system can be used for flammable liquids of hazard category A I (flash point < 21 °C) and A II (flash point > 21 °C). Use of the Geberit Mapress pressing system for synthetic oils, brake fluids, cooling lubricants, creep oils and cutting oils must always be approved by Geberit.

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