

## Application overview: Geberit Volex

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Application purposes	Operating temperature	Maximum operating pressure	Pipes		Fittings	Seal rings
			Volex, ML	Volex, SL	Brass	EPDM, black
<b>Liquid media</b>						
For cold and hot potable water	0–70 °C <sup>1)</sup>	10 bar / 1000 kPa	✓		✓	✓
For cold and hot potable water	0–70 °C	6 bar / 600 kPa	✓	✓	✓	✓
For cold potable water	0–20 °C <sup>2)</sup>	16 bar / 1600 kPa	✓		✓	✓
For cold potable water	0–20 °C	6 bar / 600 kPa	✓	✓	✓	✓
For heating water	0–80 °C	10 bar / 1000 kPa	✓		✓ <sup>4)</sup>	✓
For heating water	0–80 °C	6 bar / 600 kPa	✓	✓	✓ <sup>4)</sup>	✓
For cooling water without antifreeze agent	0–70 °C	10 bar / 1000 kPa	✓		✓	✓
For cooling water with antifreeze agent	-10–+40 °C <sup>3)</sup>	10 bar / 1000 kPa	✓		✓ <sup>5)</sup>	✓
For chemicals and technical liquids	Upon request	Upon request	✓		✓	✓
<b>Gaseous media</b>						
For compressed air (oil purity class 0–3)	0–70 °C	10 bar / 1000 kPa	✓		✓	✓ <sup>6)</sup>
For negative pressure	0–40 °C	Abs. ≥ 0,2 bar / 20 kPa	✓		✓	✓
For inert gases (e.g. nitrogen)	0–40 °C	10 bar / 1000 kPa	✓		✓	✓

✓ Application generally approved if the defined additional requirements are met in accordance with the footnotes

<sup>1)</sup> Malfunction temperature in accordance with EN 806-2: Tmal = 95 °C, total 100 h over the course of the service life

<sup>2)</sup> Malfunction temperature in accordance with ISO 10508:2006: Tmal = 100 °C, total 100 h over the course of the service life

<sup>3)</sup> Höhere Temperaturen nur nach Freigabe durch Geberit

<sup>4)</sup> Only use approved inhibitors

<sup>5)</sup> Only use approved antifreeze agents

<sup>6)</sup> Oil purity class in accordance with ISO 8573-1:2010E; for details on moisture and particles, see technical information "Geberit Piping Systems for Compressed Air Installations"