

(UO_287128)

Group, version: November 2016

| Application purposes | Operating temperature | Maximum operating pressure | Pipes | | Fittings | Seal rings |
|--|-----------------------|----------------------------|-----------|-----------|-----------------|-----------------|
| | | | Volex, ML | Volex, SL | Brass | EPDM, black |
| Liquid media | | | | | | |
| For cold and hot potable water | 0–70 °C ¹⁾ | 10 bar / 1000 kPa | ✓ | | ✓ | ✓ |
| For cold and hot potable water | 0–70 °C | 6 bar / 600 kPa | ✓ | ✓ | ✓ | ✓ |
| For cold potable water | 0–20 °C ²⁾ | 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 | ✓ | | ✓ ³⁾ | ✓ |
| For heating water | 0–80 °C | 6 bar / 600 kPa | ✓ | ✓ | ✓ ³⁾ | ✓ |
| For cooling water without antifreeze agent | 0–70 °C | 10 bar / 1000 kPa | ✓ | | ✓ | ✓ |
| For cooling water with antifreeze agent | | 10 bar / 1000 kPa | ✓ | | ✓ ⁴⁾ | ✓ |
| For chemicals and technical liquids | Upon request | Upon request | ✓ | | ✓ | ✓ |
| Gaseous media | | | | | | |
| For compressed air (oil purity class 0–3) | 0–70 °C | 10 bar / 1000 kPa | ✓ | | ✓ | ✓ ⁵⁾ |
| 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

¹⁾ Malfunction temperature in accordance with EN 806-2: T_{mal} = 95 °C, total 100 h over the course of the service life

²⁾ Malfunction temperature in accordance with ISO 10508:2006: T_{mal} = 100 °C, total 100 h over the course of the service life

³⁾ Only use approved inhibitors

⁴⁾ Only use approved antifreeze agents

⁵⁾ 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“