

**GEROthem® VARIO-RT the conical, pressure loss-optimised
and for elevated temperatures geothermal probe
of PE100-RT-RC de 32 mm up to PN16**

Fully factory pre-assembled double U geothermal probes with GEROthem® pipe made of PE100-RT-RC * crack-resistant material for higher temperatures, black, **tapered inner pipe to reduce pressure loss** with wall thickness from 2.5 to 3.0 mm, pressure level depending on depth **PN13.4 to PN16**. Proof of suitability for installation without a sand bed (required minimum service life FNCT of > 8,760 hrs for each raw material batch, test conditions: 80°C, 4 N/mm², 2% Arkopal N-100). Specially developed, injection-moulded probe foot **PN25** for the geothermal field. Flow deflection in the probe foot without cross section narrowing; flow resistance <10 mbar at 1 m/s. Sand/gravel collection container integrated in the probe foot. Two ribs are integrated in the collection container which reduce jamming of the measuring float. This enables problem-free usage of measuring bodies. Patent No. EP 2 395 301. Weld seams made in accordance with DVS. Compliant with the specifications and requirements of the seal of approval for geothermal probe drilling companies (D-A-CH). Abrasion-resistant geothermal probe pipe labelled as geothermal probe pipe with forward and return meter count including production date/batch/flow direction display for forward and return.

Factory tested with individual test certificate.

Delivery form: coils on pallets

♻️ Recycling: the probe material is sorted and completely recyclable.

* Geothermal probes made from PE100-RT-RC is a protected technology.

Patent No.: CH 717 800 A2

This innovative conical geothermal probe is patented.

Patent No.: EP 2 706 308

Probe pipe dimensions: d 32 × 2.5–3.0 mm

Probe length: m

Art. No.:

Quantity Units

**GEROthem® VARIO-RT the conical, pressure loss-optimised
and for elevated temperatures geothermal probe
of PE100-RT-RC de 40 mm up to PN16**

Fully factory pre-assembled double U geothermal probes with GEROthem® pipe made of PE100-RC (with significantly increased crack-resistance), black, tapered inner pipe to reduce pressure loss with wall thickness from 3.1 to 3.7 mm, pressure level depending on depth **PN13.4 to PN16**. Proof of suitability for installation without a sand bed (required minimum service life FNCT of > 8,760 hrs for each raw material batch, test conditions: 80°C, 4 N/mm², 2% Arkopal N-100). Specially developed, injection-moulded probe foot **PN25** for the geothermal field. Flow deflection in the probe foot without cross section narrowing; flow resistance <10 mbar at 1 m/s. Sand/gravel collection container integrated in the probe foot. Two ribs are integrated in the collection container which reduce jamming of the measuring float. This enables problem-free usage of measuring bodies. Patent No. EP 2 395 301. Weld seams made in accordance with DVS. Compliant with the specifications and requirements of the seal of approval for geothermal probe drilling companies (D-A-CH). Abrasion-resistant geothermal probe pipe labelled as geothermal probe

pipe with forward and return meter count including production date/batch/flow direction display for forward and return.

Factory tested with individual test certificate

Delivery form: coils on pallets

♻️ Recycling: the probe material is sorted and completely recyclable.

* Geothermal probes made from PE100-RT-RC is a protected technology.

Patent No.: CH 717 800 A2

This innovative conical geothermal probe is patented.

Patent No.: EP 2 706 308

Probe pipe dimensions: d 40 × 3.1–3.7 mm

Probe length: m

Art. No.:

Quantity Units

GERO^{therm}® VARIO-RT, the conical, pressure loss-optimised and for elevated temperatures geothermal probe of PE100-RT-RC de40 mm up to PN20

Fully factory pre-assembled double U geothermal probes with GERO^{therm}® pipe made of PE100-RC (with significantly increased crack-resistance), black, tapered inner pipe to reduce pressure loss with wall thickness from 3.7 to 4.5 mm, pressure level depending on depth **up to PN20 internal pressure stable** and increase of the buckling pressure during the pressing process. Proof of suitability for installation without a sand bed (required minimum service life FNCT of > 8,760 hrs for each raw material batch, test conditions: 80°C, 4 N/mm², 2% Arkopal N-100). Specially developed, injection-moulded probe foot **PN25** for the geothermal field. Flow deflection in the probe foot without cross section narrowing; flow resistance <10 mbar at 1 m/s. Sand/gravel collection container integrated in the probe foot. Two ribs are integrated in the collection container which reduce jamming of the measuring float. This enables problem-free usage of measuring bodies. Patent No. EP 2 395 301. Weld seams made in accordance with DVS. Compliant with the specifications and requirements of the seal of approval for geothermal probe drilling companies (D-A-CH). Abrasion-resistant geothermal probe pipe labelled as geothermal probe pipe with forward and return meter count including production date/batch/flow direction display for forward and return.

Factory tested with individual test certificate

Delivery form: coils on pallets

♻️ Recycling: the probe material is sorted and completely recyclable.

* Geothermal probes made from PE100-RT-RC is a protected technology.

Patent No.: CH 717 800 A2

This innovative conical geothermal probe is patented.

Patent No.: EP 2 706 308

Probe pipe dimensions: d 40 × 3.7–4.5 mm

Probe length: m

Art. No.:

Quantity Units