

# GEROtherm® Geothermal system

Safe – optimal



## A system that satisfies all the requirements

Are you planning a geothermal plant for heating and cooling a building? Then you must not take any risks and only rely on products that have already proven themselves to be successful a thousand times before. You can be flexible in your planning with the GEROtherm® System. And our specialists will be there to provide you with advice and assistance along the way.

### The product ...

#### GEROtherm®-Flux geothermal probe

For depths of up to 320 metres



### ... and its strengths

GEROtherm®-Flux is designed for high demands and suitable for depths from 200 to 320 metres. It resists highest pressure loads (e.g. when injecting with high grouting material densities). The special winding technique of the coils makes it easier to sink the probe; the conical tube has a high resistance to internal pressure up to 32 bar; in addition to this, the loss of pressure is minimised.

#### GEROtherm® Geothermal probe PN16/PN20

The standard up to 300 metres



The Geothermal probe PN16/PN20 made from robust PE100-RC has established itself as the standard in the market and is the first geothermal probe to be certified by the SKZ and KIWA. It is easy to unwind in the sinking process; the double meterization and the display indicating the direction of flow make the installation even easier. The specially developed probe foot with weight supporting capacity increases the flexibility, it is possible to work with weights or by pushing the probe.

#### GEROtherm® SAVE

The flexible distributor



Our SAVE collectors/distributors are characterised by their extremely low loss of pressure which as a result increases the efficiency of the entire plant. They are quick and easy to install thanks to the flat sealing connections – no more time wasted laboriously winding hemp around the connections! If you have any special requests or requirements, you have come to the right place. We can supply customised solutions in the shortest of time.

#### Distribution shaft

Robust shaft solutions

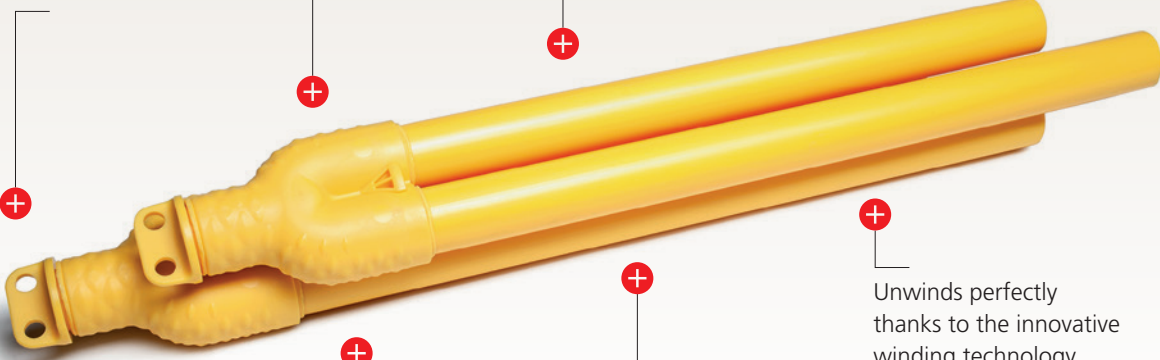


We can customise watertight distribution shafts according to your specifications in a very quick turnaround. If it must be possible to walk on the manhole cover or if lorries are to drive over it, how should the outlets be designed? We make everything possible! Our robust distribution shafts have already proven themselves in numerous applications. You can rely on our expertise.

## Flexible planning: GEROtherm® makes it possible

Our modular system provides you with all the components you need for a perfect system. And if your project has to comply with and satisfy certain special requirements, we will provide you with the customised components you need in the quickest of turnarounds: geothermal probes in special lengths or with higher pressure resistance, special distributors or insulated connecting lines. Together with our specialists, you will find the right solution every time. Take advantage of our expertise and many years of experience.

### GEROtherm® – geothermal system



SKZ certification guarantees the highest quality

All-plastic system – no corrosion


Double meterization and flow direction display

Minimal pressure loss due to special conical pipe

Pressure loads up to 32 bar

Coordinated yet flexible system

Unwinds perfectly thanks to the innovative winding technology



«The innovative GEROtherm® products and technical documentation provide me with the best support I could ask for in the planning.»

## GERO<sup>®</sup>therm geothermal system – modular system components

Each component is important and must comply with the specified quality requirements, in order to contribute to the system's overall performance. That is why we offer all of the components from a single source and have certified them all as a system. The modular system offers a multitude of components and can be extended as required.



**Haka Gerodur –  
leading manufacturer in the field of plastic extrusion**  
Heating & Plumbing | Piping systems  
Geothermal GERO<sup>®</sup>therm | Profiles  
Medical technology

The material plastic with its broad and demanding range of applications is our world. We operate all around the world and manufacture products according to the highest quality benchmarks and recognised standards. This naturally goes hand in hand with having products readily available and a smooth order processing system. We have set ourselves the goal of continuously finding ways of improving and we consistently invest in the innovative potential of our company. The competitiveness of our customers is our primary focus.

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