

Thermo-Loop®



Thermo-Loops® provide the ultimate in quality and performance for vertical ground source heat exchangers and are available as single or double loops and in any length to the nearest metre to suit individual project requirements.

They are manufactured from polyethylene (PE100+) in accordance with BSEN 12201 with a working pressure of 16 bar and a lifetime rating up to 50 years.

Due to its properties of being flexible, corrosion resistant and fusible, polyethylene piping has been the choice of the leading contractors in the geothermal industry and **Thermo-Loops®** are proven to perform well under all temperatures and conditions associated with geothermal loop applications. The head loss through the foot (<10 mbar @ 1m/s) meets VDI 4640 standards.

Thermo-Loops® have metre markings to provide a guide and depth verification during installation and are manufactured in any length to order to suit individual project requirements.

Quality controlled manufacturing processes means all components are of certified material and all procedures are rigorously checked including hydraulic pressure testing.

Each **Thermo-Loop®** has a unique serial number and hydraulic pressure test certificate.

| Type | Diameter | Length (in 1 metre increments) |
|---------------|----------|-----------------------------------|
| Single/double | 25mm | 30 to 100m |
| Single/double | 32mm | 30 to 200m |
| Single/double | 40mm | 30 to 300m |

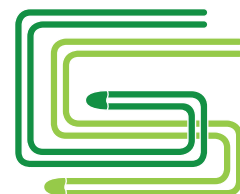
Specifications & products subject to change without prior notice

Applications

- ~ Vertical geothermal borehole exchangers

Features

- ~ Made from PE100+
- ~ 25, 32 & 40mm diameters
- ~ Meets VDI 4640 standards
- ~ Available as single or double loop
- ~ Bespoke lengths to suit individual requirements
- ~ Metre marked to verify installation depth
- ~ Hydraulically tested to 12 bar
- ~ 50 year design life
- ~ One piece moulded probe
- ~ Unique serial number on each loop
- ~ Designed for optimum placement in the borehole
- ~ Test certificate provided



GEOTHERMAL SUPPLIES

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