

PIPE IN THE SAVINGS

**GEO THERMAL
SYSTEMS...**

CUSTOMIZED
DURABLE
EASY TO USE
CERTIFIED
EFFICIENT





Discover the benefits of our products developed

VERTICAL LOOP™

VERTICAL LOOP™ is a coil designed specifically for use in geothermal systems. It contains two lengths of simultaneously coiled HDPE pipe, making it extra easy to use. **VERTICAL LOOP™** can be delivered directly to your site from our facilities since the coil is heat fused and pressure tested at our plant.

Benefits:

- Resin: PE4710 High density polyethylene listed in the Plastics Pipe Institute (PPI) TR-4 listing
- Versapipe HD100 Geo pipe certified to ANSI/CSA/IGSHPA C448, CSA B137.1 and NSF/ANSI 358-1.
- The U-POINT is the narrowest u-bend on the market. Its OD is no wider than two pipes side-by-side, leading to smaller borehole. Furthermore, its optimised shape facilitates the fluid flow and reduces pipe blockage risks.
- Simultaneously coiled pipes and progressive strapping create easy to handle and uniform loops that facilitate insertion in the boreholes.
- Choice between GEO-GLIDE U-POINT or U-BEND.
- Product can be custom made to your specifications:



Nominal diameter (in)	Thickness	Loops Length (ft)
¾		As per your needs, up to 1 500' (3 000' of pipe)
1	SDR 9 (250 PSI)	
1 ¼	SDR 11 (200 PSI)	
1 ½	SDR 13,5 (160 PSI)	
NEW 2		



GEO-GLIDE U-POINT
(¾", 1", 1 ¼" pipe)



U-BEND
(1 ½" and 2" pipe)

Developed specifically for geothermal systems

TWINLOOP™

UNIQUE IN NORTH AMERICA

The **TWINLOOP™** geothermal loop consists of 4 parallel pipes that form 2 independent closed loops. With twice as much exchange surface compare to single loop, the **TWINLOOP™** helps extract more energy from each borehole, leading to significant drilling depth reduction and associated cost savings.



NEW
Loop on pallet

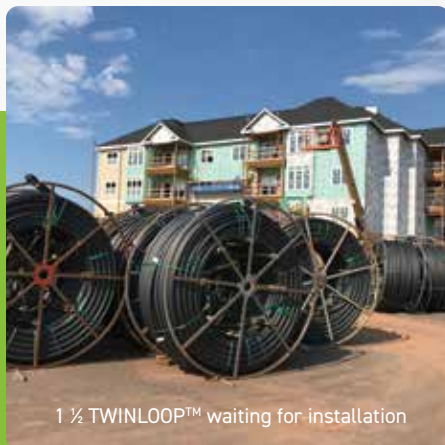
Benefits:

- Extracts 30% more heat from the ground than single loop.
- Reduces overall drilling depth for a given load, leading to significant cost reduction.
- Reduces the footprint of geothermal projects in space limited areas.
- Easy insertion due to the engineered head geometry.
- Loop length can be custom made to your needs.

Head dimensions:

Nominal Diameter (in)	Dimension (po)	Maximum Loop Length* (ft)
1 ¼	4,7	1 000
1 ½	5,4	900

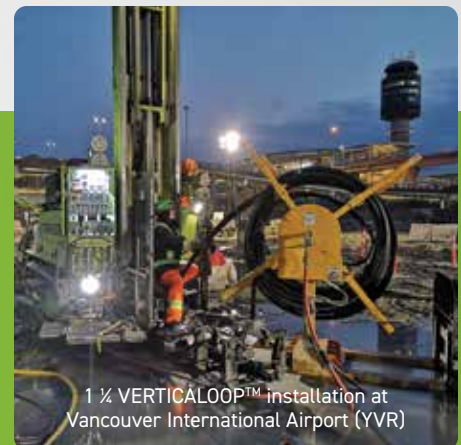
*Estimated. Contact your Versaprofiles account manager for special requests. Loops cut-to-length special orders are available at every 5 feet.



1 ½ TWINLOOP™ waiting for installation



36 boreholes geothermal field



1 ½ VERTICALLOOP™ installation at Vancouver International Airport (YVR)



Pipes for headers, horizontal ties and distribution manifolds

Pipe sizes and diameters available in sticks, coils and reels.

STICKS

Standard Length* (ft)	Resin	Diameter (in)
20, 40 & 50	PE4710	<ul style="list-style-type: none"> • ¾ to 8 IPS & DIPS • SDR 9 to SDR 26 • 80 PSI to 250 PSI



Bundle of 8"

TITAN™ REELS & COILS

Resin	Diameter (in)	
PE4710	<ul style="list-style-type: none"> • ¾ to 4 IPS & DIPS • SDR 9 to SDR 26 • 80 PSI to 250 PSI 	
Standard lengths available*		
Nominal Diameter (in)	Length (ft)	
	TITAN™ REEL	COIL
¾	15 000	100, 250, 500, 1 000
1	12 000	100, 250, 500, 1 000
1 ¼	7 000	100, 250, 500, 1 000
1 ½	5 500	100, 250, 500, 1 000
2	3 000	100, 250, 500, 1 000, 2 000
3	-	100, 250, 500
4	-	100, 250, 300



1 1/4" on TITAN™ REEL



Coil of 3"

*All other special lengths available on demand.



MEMBER OF



About Versaprofiles

With over 50 years of experience in thermoplastic extrusion, Versaprofiles offers innovation to make your job easier and lighten your workload. We are producing pipe and tubing for maple sap, geothermal, water and natural gas distribution applications in addition of specializing into custom made profiles. With our collective expertise in various sectors and our versatile equipment, we can bring your projects to higher level. We work closely and in a friendly atmosphere with each partner to deliver products that meet expectations and provide dedicated customer service.

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