

PIPE IN THE SAVINGS

GEO THERMAL SYSTEMS...

CUSTOMIZED
DURABLE
EASY TO USE
CERTIFIED
EFFICIENT



VERSAPOINT
U-BEND





Discover the benefits of our products developed

VERTICALOOP™

VERTICALOOP 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. VERTICALOOP can be delivered directly to your site from our facilities since the coil is heat fused and pressure tested at our plant.

Benefits:

- Resin: - High density polyethylene
 - Listed in the Plastic Pipe Institute (PPI) TR-4 PE4710 listing
 - Classified CC3 for oxidative resistance
- Versapipe HD100 Geo pipe certified to ANSI/CSA/IGSHPA C448, CSA B137.1 and NSF/ANSI 358-1.

NSF
Certified to
NSF/ANSI 358
- The **VERSAPOINT** fitting 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.
- Product can be custom made to your specifications.



VERTICALOOP™

Nominal diameter (in)	Thickness	Loops Length (ft)
¾		
1	SDR 9 (250 PSI)	As per your needs, up to 2 000' (4 000' of pipe)
1 ¼	SDR 11 (200 PSI)	
1 ½	SDR 13,5 (160 PSI)	
2		

GEO-GLIDE U-POINT



VERSAPOINT



UNIQUE U-BEND



Developed specifically for geothermal systems

TWINLOOP™

UNIQUE IN NORTH AMERICA

Using the new **VERSAPOINT** fitting, 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.



LOOP ON PALLET



TWINLOOP™

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.

TWINLOOP™ (Double U-bend):

Nominal Diameter (in)	Dimension (in)	Maximum TWINLOOP Loop Length* (ft)
1 1/4	4.25"	1 000
1 1/2	4.75"	900

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



VERSAPOINT U-BEND EXCLUSIVE TO VERSAPROFILES

The new **VERSAPOINT** U-bend fitting is molded with the same PE4710 resin than Versapipe HD100 GEO pipe, insuring optimal butt heat fusion compatibility. Its improved geometry provide superior fluid circulation along with minimal boring width. It also enable the fabrication of a TWINLOOP double loop from two VERTICALLOOP single loop directly on the job site!

ASSEMBLED IN FACTORY OR ON JOB SITE





Pipes for headers, horizontal ties and distribution manifolds

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

STICKS

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



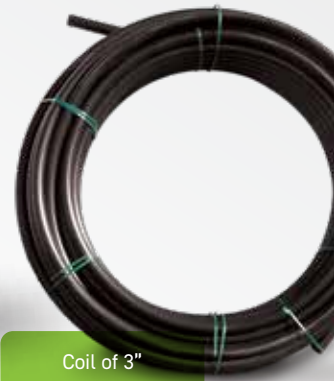
Bundle of 8"

TITAN™ REELS & COILS

Resin	Dimensions	
PE4710	<ul style="list-style-type: none"> • ¾" to 10" IPS • SDR 9 to SDR 32.5 • 63 PSI to 250 PSI 	
Standard lengths available*		
Nominal Diameter (in)	Length (ft)	
	COIL	TITAN ^{MC} REEL
¾	100, 250, 500, 600, 800, 1 000	15 000
1	100, 250, 500, 1 000	12 000
1 ½	100, 250, 500, 1 000	7 000
1 ½	100, 250, 500, 1 000	5 500
2	100, 250, 500, 1 000, 1 500	3 000
3	500	1000
4	250	500



1 ½" on TITAN™ REEL



Coil of 3"

*All other special lengths available on demand.



MEMBRE 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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