



WL PLASTICS
An INEOS Business

WL139 Geothermal HDPE Pipe



Potable Water,
Irrigation & Geothermal

The ideal piping solution

WL139 Geothermal HDPE Pipe

WL Plastics offers Geothermal PE4710 HDPE pipe for heat exchange systems in solid black color.

Black	PC ^B , psi	250	200	160	140	125
Size ^A	DR	9	11	13.5	15.5	17
3/4	Min wall, in	0.117	0.095	0.078		
	Avg ID, in	0.803	0.848	0.874		
	Weight, lb/ft	0.148	0.124	0.103		
1	Min wall, in	0.146	0.120	0.097		
	Avg ID, in	1.005	1.062	1.101		
	Weight, lb/ft	0.232	0.195	0.161		
1 1/4	Min wall, in	0.184	0.151	0.123	0.107	
	Avg ID, in	1.269	1.340	1.394	1.426	
	Weight, lb/ft	0.369	0.310	0.257	0.226	
1 1/2	Min wall, in	0.211	0.173	0.141	0.123	
	Avg ID, in	1.452	1.534	1.598	1.634	
	Weight, lb/ft	0.485	0.406	0.337	0.297	
2	Min wall, in	0.264	0.216	0.176	0.153	0.140
	Avg ID, in	1.816	1.917	2.002	2.050	2.079
	Weight, lb/ft	0.758	0.634	0.526	0.462	0.425
3	Min wall, in	0.389	0.318	0.259	0.226	0.206
	Avg ID, in	2.676	2.825	2.950	3.021	3.064
	Weight, lb/ft	1.646	1.376	1.141	1.006	0.923
4	Min wall, in	0.500	0.409	0.333	0.290	0.265
	Avg ID, in	3.440	3.633	3.793	3.885	3.939
	Weight, lb/ft	2.720	2.275	1.887	1.660	1.526
6	Min wall, in	0.736	0.602	0.491	0.427	0.390
	Avg ID, in	5.064	5.348	5.585	5.719	5.799
	Weight, lb/ft	5.894	4.930	4.095	3.599	3.307
8	Min wall, in	0.958	0.784	0.639	0.556	0.507
	Avg ID, in	6.593	6.963	7.271	7.445	7.549
	Weight, lb/ft	9.988	8.359	6.939	6.100	5.597
10	Min wall, in	1.194	0.977	0.796	0.694	0.632
	Avg ID, in	8.218	8.678	9.062	9.280	9.409
	Weight, lb/ft	15.515	12.983	10.774	9.490	8.695
12	Min wall, in	1.417	1.159	0.944	0.823	0.750
	Avg ID, in	9.747	10.293	10.748	11.006	11.160
	Weight, lb/ft	21.837	18.267	15.155	13.348	12.238

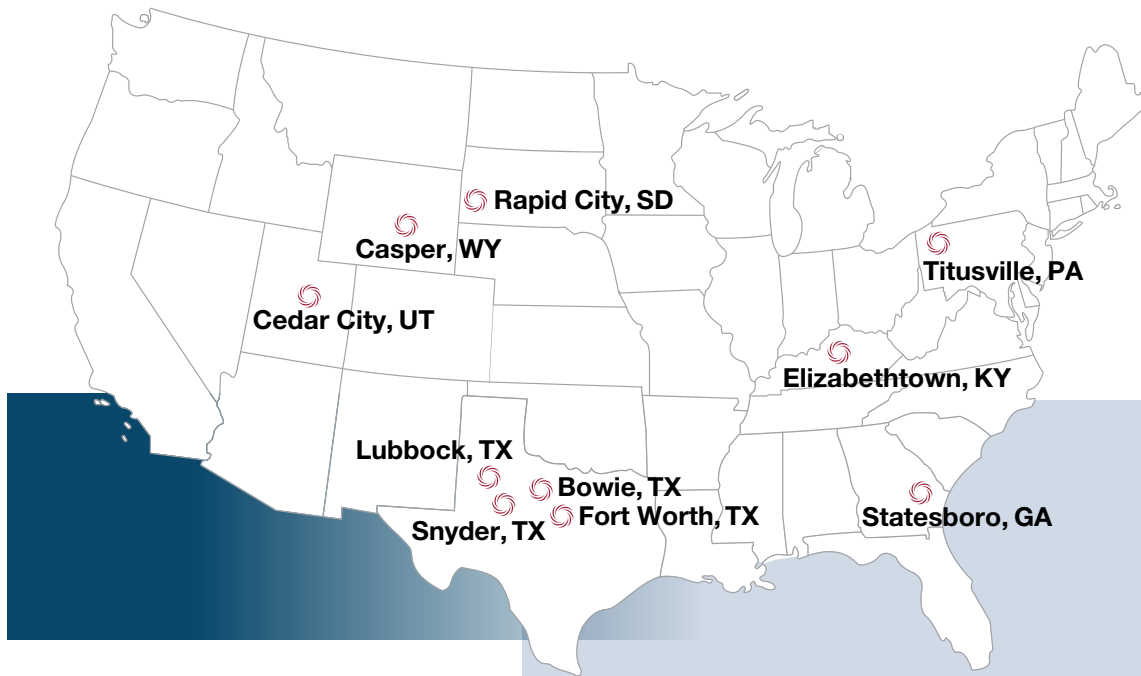
- PE4710 materials with cell classification of PE445576C per WL106 Pipe Compound.
- Geo Loops single coils are offered in sizes ¾" to 1½". Each loop is comprised of a supply and return pipe.
- Several coil lengths available with U-Bend (180° fitting) factory fused to one end. Coil is sealed and pressurized with air.
- Heat fusion joining is preferred, but when using mechanical fittings an ID stiffener is required on pipes sizes < 2".
- WL Plastics Geothermal pipe is designed to be used in vertical or horizontal applications, down well applications, pond loops and can be horizontally directionally drilled.
- Designers must ensure that the heat transfer fluid is compatible with the pipe and all system components.

Contact WL Plastics Customer Service to confirm availability and for PCs and DRs not shown.

- R pipe sizes are manufactured per ASTM D3035 and ASTM F714.
- Pressure Class rating (PC) in psi is for water at 73°F (23°C) and lower. PC will vary for water at other temperatures. See WL106 PE4710 Pipe Compound and WL118 Pressure Rating.
- All dimensions in inches.
- NSF-61 and NSF-14 certifications for potable water available on "Engineering Info" portion of www.wlplastics.com
- See WL101 for fusion and field procedures, including mechanical joining, installation information and repair.
- See WL125 Terms and Conditions of Sale.



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Manufacturing locations

Bowie, TX
Casper, WY
Cedar City, UT
Elizabethtown, KY
Lubbock, TX (HDPE)
Lubbock, TX (MDPE)
Rapid City, SD
Snyder, TX
Statesboro, GA
Titusville, PA (HDPE/MDPE)

Corporate office

3575 Lone Star Circle, Suite 300,
Fort Worth, TX, 76177

Contact

Contact WL Plastics for more information

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TECHNICAL: wltechnical@wlplastics.com

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