

IL17-2.1

Pre Approved Smooth Interior PE Tubing for Fills
(not approved for vertical or riser installations)

Company	Tile Type	Size	Backfill & Compaction Class	Minimum Cover ¹ , ft	Maximum Fill Height, ft	
Prinsco, Inc.	GOLDFLOW WT	12"	1	3.4	7.5	
			2	2.0	12.8	
		15"	1	3.6	6.6	
			2	2.0	11.8	
		18"	1	3.5	7.0	
			2	2.0	12.4	
		24"	1	3.6	6.8	
			2	2.0	12.2	

Backfill and Compaction Class	Backfill Description and Method of Compaction
1	CL, ML, or ML-CL with less than 25% coarse grained particles and liquid limit less than 50, and where backfill is hand compacted, but not tested.
2	CL, ML, or ML-CL with less than 25% coarse grained particles and liquid limit less than 50, and where backfill is hand compacted to 90% Standard Proctor Density. Document Compaction. or CL, ML, or ML-CL with more than 25% coarse grained particles and liquid limit less than 50, and where backfill is hand compacted, but not tested.

1. Minimum cover prior to loading or compaction by machine or wheel

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Company	Tile Type	Size	Backfill & Compaction Class	Minimum Cover ¹ , ft	Maximum Fill Height, ft		
Advanced Drainage Systems	High Density Polyethylene (HDPE) N-12 Smooth Interior Pipe, Pro Link WT coupler REQUIRED	12"	1	2.5	7.0		
			2	2.0	12.0		
		15"	1	4.0	6.0		
			2	2.0	12.0		
		18"	1	4.0	5.0		
			2	2.0	12.0		
		24"	1	4.0	5.0		
			2	2.0	12.0		
		30"	1	4.0	5.0		
			2	2.0	11.0		
		36"	1	NA	NA		
			2	2.5	10.0		

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Company	Tile Type	Size	Backfill & Compaction Class	Minimum Cover ¹ , ft	Maximum Fill Height, ft
Northern Pipe Products, Inc.	Smooth Core Dual Wall Polyethylene	6"	1	3.2	7.8
			2	2.0	13.0
		8"	1	3.2	8.0
			2	2.0	13.2
		10"	1	3.5	6.9
			2	2.0	12.5
		12"	1	3.6	6.9
			2	2.0	12.0
		15"	1	3.6	6.5
			2	2.0	12.0
		18"	1	3.6	6.7
			2	2.0	12.2
		24"	1	3.6	6.5
			2	2.0	12.0

Backfill and Compaction Class	Backfill Description and Method of Compaction
1	CL, ML, or ML-CL with less than 25% coarse grained particles and liquid limit less than 50, and where backfill is hand compacted, but not tested.
2	CL, ML, or ML-CL with less than 25% coarse grained particles and liquid limit less than 50, and where backfill is hand compacted to 90% Standard Proctor Density. Document Compaction. or CL, ML, or ML-CL with more than 25% coarse grained particles and liquid limit less than 50, and where backfill is hand compacted, but not tested.

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Company	Tile Type	Size	Backfill & Compaction Class	Minimum Cover ¹ , ft	Maximum Fill Height, ft
Timewell Tile	MaXflo High Density Polyethylene (HDPE) Smooth Lined, Corrugated Plastic Pipe (Dual Wall), Bell & Spigot joint with elastometric gasket REQUIRED	6"	1	3.4	7.1
			2	2.0	12.6
		8"	1	3.4	6.9
			2	2.0	12.4
		10"	1	3.4	6.8
			2	2.0	12.4
		12"	1	3.7	6.2
			2	2.0	11.9
		15"	1	3.8	6.0
			2	2.0	11.6
		18"	1	3.8	5.6
			2	2.0	11.4
24"	1	4.0	4.0		
	2	2.1	11.2		

Backfill and Compaction Class	Backfill Description and Method of Compaction
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