

## B . Preapproved Smooth Interior PE Tubing for Fills

(1) The following table lists preapproved smooth interior polyethylene (PE) pipe (commonly called dual wall) for use in fill installations. This preapproved list is not applicable to vertical or riser installations.

(2) Definitions:

- Trench installation: installation of a tile or pipe in a trench with a width at the top of the pipe no greater than 2 feet, or the diameter of the pipe plus 6 inches, whichever is greater.
- Fill installation: installation of pipe in compacted earthfill such as a dam, or any other installation not meeting the definition of a trench installation.

Company	Tile Type	Size	Backfill & Compaction Class	Minimum Cover <sup>1</sup> , 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		
		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		
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		

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Northern Pipe Products, Inc. (continued)	Smooth Core Dual Wall Polyethylene (continued)	18"	1	3.6	6.7
			2	2.0	12.2
		24"	1	3.6	6.5
			2	2.0	12.0
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
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.

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