

ENDOT INDUSTRIES

PIPE AND TUBING

EndoPoly

SPECIFICATIONS FOR PE 4710/PE 3408 GEOTHERMAL PIPE

MATERIALS SPECIFICATIONS:

ASTM D3350 – Cell Classification	445574 C*
ASTM D1505 – Density	0.959 g/cc
ASTM D1238 – Melt Index	>0.08 g/10 min.
ASTM D 638 – Tensile Strength	>3600 PSI
ASTM D2837 – Hydrostatic Design Basis	1600 PSI @ 23°C 1000 PSI @ 60°C
ASTM D 790 – Flexural Modulus	150,000 PSI
ASTM D 746 – Brittleness Temp.	< -103°F
ASTM F1473 – PENT	>4000 hours
NSF Certified under Standard 14 & 61	

**Exceeds IGSHPA minimum standards*

ASTM D3035 - STANDARD DIAMETER RATIO (SDR) = 11 – 200 PSI

SIZE	O.D.	MINIMUM	WT/
		WALL	100 FT.
3/4	1.050"	0.095"	12.9 lbs.
1	1.315"	0.120"	19.9 lbs.
1-1/4	1.660"	0.151"	31.4 lbs.
1-1/2	1.900"	0.173"	41.1 lbs.
2	2.375"	0.216"	63.9 lbs.
3	3.500"	0.318"	140.5 lbs.
4	4.500"	0.409"	229.0 lbs.

ASTM D3035 - STANDARD DIAMETER RATIO (SDR) = 13.5 – 160 PSI

SIZE	O.D.	MINIMUM	WT/
		WALL	100 FT.
3/4	1.050"	0.078"	9.9 lbs.
1	1.315"	0.097"	16.0 lbs.
1-1/4	1.660"	0.123"	26.5 lbs.
1-1/2	1.900"	0.141"	33.0 lbs.
2	2.375"	0.176"	54.0 lbs.
3	3.500"	0.259"	110.0 lbs.
4	4.500"	0.333"	178.6 lbs.

3/4", 1" and 1-1/4" pipe is available with Factory installed U-Bends.

ENDOT INDUSTRIES, INC.

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