

water transport



POLYWORLD™

Poly Culverts

The economic solution for water movement.



The Polyworld difference

- from 600mm to 3000mm in diameter
- chemical resistant
- 100 year asset life
- rustfree, lightweight & UV stable
- exceptionally strong for compression loads
- made from 100% HDPE



Talk to Polyworld today for professional advice and custom solutions for all your water storage and transportation requirements.

1300 888 654 www.polyworld.com.au
14-20 Robson Street, Clontarf QLD 4019, Australia



Now Made in Australia

Poly Pipe

Available in 14 sizes

The modern way of re-lining damaged concrete pipes and culverts. Immune to concrete cancer, these pipes are the most economic solution for long-term assets.

On site, poly pipe is the easiest and fastest product to install, and can be used to reline existing damaged concrete pipes.

Construction of drains and culverts is now simple.

- Long lasting - 100 years
- Flexible - won't crack
- Lightweight - easy to install
- Absorbs vibration
- Recyclable
- Cut to length
- Fully UV stabilised



Pipe Properties

Pipe Diameter	Ø 500		Ø 600		Ø 800		Ø 1000		Ø 1200		Ø 1400		Ø 1600	
Stiffness	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²
Inner/Outer Diameter in mm	500/550	500/560	600/660	600/678	800/888	800/900	1000/1100	1000/1124	1200/1324	1200/1350	1400/1550	1400/1590	1600/1770	1600/1810
Dimensions of profile	25x33	31x41	31x41	39x49	44x57	50x67	50x67	62x67	62x67	75x81	75x81	95x104	85x92	105x118
Wall thickness of profile	3.3	3.5	3.8	4	4.8	5.5	6	6.8	6.8	7.8	7	8.2	8	9.5
Weight Kg/m (± 5%)	16.5	18	23	26	43	49	66	83	99	116	123	147	160	190
	Ø 1800		Ø 2000		Ø 2200		Ø 2400		Ø 2600		Ø 2800		Ø 3000	
Stiffness	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²	4 KN/m ²	8 KN/m ²
Inner/Outer Diameter in mm	1800/1990	1800/2030	2000/2210	2000/2250	2200/2430	2200/2470	2400/2650	2400/2690	2600/2870	2600/2930	2800/3090	2800/3140	3000/3330	3000/3370
Dimensions of profile	95x104	115x130	105x118	125x142	115x130	135x154	125x142	145x165	135x154	165x185	145x165	170x194	165x185	185x210
Wall thickness of profile	8.5	11	10	13	11	15	13	17	15	18	17	20	18	22
Weight Kg/m (± 5%)	194	244	245	314	295	292	373	478	457	570	552	662	645	778



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