Section 3



Table 3 POLIplex® - PE100 Series 1 - Pressure pipe dimensions AS/NZS4130

SDR	PN for PE100	DN	16	20	25	32	40	20	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	200	260	630	710	800	900	1000	1200	1400	1600	1800	2000
	teritori 1	Weight Ave kg/m	0.10	0.16	0.24	0.39	1970	96.0	1.50	2.13	3.06	4.57	5.88	7.39	9.62	12.16	15.00	19.02	23.48	29.44	37.16	47.24	59.92	75.92	POA	POA		- 60				163	4	7	75	-
		Ovality V	12	12	12	1,3	1.4	1.4	1.5	1.6	1.8	22	25	2.8	3.2	3.6	4.0	4.5	5.0	9.8	11.1	12.5	14.0	15.6	POA	POA	¥				6	a e	,	τ	6	
7.4	25	Mean O	11.4	14.2	17.7	22.8	28.5	38.7	45.1	53.6	64.5	78.6	99.5	100.2	114.7	129.1	143.4	161.3	179.2	200.7	226.1	254.6	287.0	322.8	POA	POA	.00	-50		•	20	100	0 - 21 83	2	50	er.
		Min Wall	22	28	35	4.4	55	69	98	10.3	123	15.1	17.1	19.2	21.9	24.6	27.3	30.8	34.2	38.3	43.0	48.5	54.6	61.5	POA	POA	90	-0			6	1003	,	£	я	,
		/veight Ave kg/m	90'0	0.13	0.20	0.33	0.52	080	1.28	1.73	2.59	3.84	4.96	623	8.11	10.26	12.68	16.00	19.73	24.80	31.38	39.76	50.55	63.90	78.86	98.93	125.20	159.13	201.90		0		7	9		
120	0	Ovality Max	12	12	12	13	1.4	1.4	15	1.6	1.8	22	2.5	2.8	32	36	4.0	4.5	5.0	9.8	11.1	12.5	14.0	15.6	17.5	19.6	22.1	24.9	28.0	*				*	0	
6	20	Mean	123	152	19.2	24.5	30.6	38.4	48.2	57.6	69.1	84.5	96.1	107.6	123.0	138.5	153.7	1732	192.5	215.4	242.4	273.3	307.8	346.5	385.0	430.3	484.1	546.5	615.9		20	110	9		50	
		Min Wall	1.8	23	28	3.6	4.5	5.6	1.7	8.4	10.1	12.3	14.0	15.7	17.9	20.1	22.4	25.1	27.9	313	35.2	39.6	44.7	50.2	55.8	62.5	70.3	79.3	89.3	•			9	i	8	9
		Weight Ave kg/m	900	0.11	0.17	0.27	0.43	290	1.07	1.49	2.16	3.20	4.15	5.17	6.78	8.58	10.57	13.39	16.46	20.64	26.13	33.16	42.10	53.31	65.78	82.40	104.42	132.64	168.11	212.91	261.40	200		ı	10	,
_	91	Ovality Max	12	12	12	5	1.4	1.4	7.	1.6	1.8	22	2.5	2.8	3.2	3.6	4.0	4.5	5.0	9.8	1.1	12.5	14.0	15.6	17.5	19.6	22.1	24.9	28.0	31.5	35.0	(0)				
-		Mean	12.7	16.0	202	26.0	32.3	40.4	51.0	61.0	73.0	89.4	101.5	113.9	130.0	1463	1625	1829	203.4	227.8	256.3	2888	325.4	366.1	4068	455.8	5126	9773	651.0	732.4	814.9	i	3	1		•
		Min Wall	1.6	1.9	23	29	3.7	4.6	5.8	6.8	8.2	10.0	11.4	12.7	14.6	16.4	18.2	502	22.7	25.4	28.6	32.2	36.3	40.9	45.4	50.8	273	64.5	72.5	81.7	90.3	•	,	£	80	9
		Weight Awe kg/m	II s	0.10	0.14	0.23	0.38	0.85	0.88	1.23	1.77	2.66	3.42	4.29	5.60	7.10	8.71	11.06	13.63	17.08	21.64	27.43	34.79	44.07	54.38	68.22	86.23	109.55	138.96	176.04	214.41	312.54	36	¥		
13.6	12.5	Ovality Max		1.2	1.2	£.	1.4	1.4	1.5	1.6	1.8	22	2.5	2.8	3.2	3.6	4.0	4.5	5.0	8.6	11.1	12.5	14.0	15.6	17.5	19.6	22.1	24.9	28.0	31.5	35.0	42.0	or.	ı	- 10	
13	12	Mean ID		16.7	21.0	27.0	338	42.4	533	63.7	76.5	933	106.1	118.9	135.9	152.8	170.0	191.0	212.4	237.9	327.6	301.6	339.9	382.4	424.9	475.8	535.5	803.4	0.089	764.9	862.1	1020.0	1	*	6	
		Min Wall		1.6	1.9	2.4	3.0	3.7	4.7	5.5	9.9	8.1	9.2	10.3	11.8	13.3	14.7	16.6	18.4	20.6	23.2	26.1	29.4	33.1	36.8	41.2	46.3	52.2	58.8	66.2	72.5	88.2	,	Ŷ	82	25
		Weight Ave kg/m	,	7	0.12	0.19	80	0.46	0.73	1.08	1.48	2.20	280	3.52	4.59	5.81	2.16	906	11.14	13.99	17.72	22.55	28.50	36.11	44.48	55.89	70.62	89.82	113.89	144.55	178.06	245.17	346.07	451.49	0	
11	10	Ovality Max	٠,	9.	12	55	1.4	1.4	15	1.6	1.8	22	2.5	28	32	3.6	4.0	4.5	5.0	9.8	11.1	12.5	14.0	9.9	17.5	19.6	22.1	24.9	28.0	31.5	35.0	42.0	49.0	56.0	10	i i
		Mean			21.7	280	380	439	56.2	89	79.0	96.5	109.9	123.0	140.7	158.3	175.8	197.8	220.0	246.3	276.6	312.1	351.9	395.9	439.9	492.7	554.4	624.6	703.9	791.7	879.8	1062.7	1233.1	1409.4	×	-00
		Min			1.6	1,9	2.4	3.0	3.8	4.5	5.4	9.9	7.4	83	9.5	10.7	11.9	13.4	14.8	16.6	18.7	21.1	23.7	26.7	29.6	33.2	37.3	42.1	47.4	53.5	59.3	629	82.4	94.1		
		Weight Ave kg/m	(1)	g.	×	0.16	0.24	80	0.68	0.83	130	1.80	2.30	2.87	3.77	4.74	28.9	7.42	90.08	11.46	14.40	18.28	23.31	29.48	36.37	45.52	57.50	73.22	92.80	117.42	145.07	208.73	283.64	370.23	468.94	578.91
21	8	Ovality Max	,	ī	7	5.	1.4	1.4	1.5	1.6	1.8	22	2.5	2.8	3.2	3.6	4.0	4.5	9.0	9.8	11.1	12.5	14.0	15.6	17.5	19.6	22.1	24.9	28.0	31.5	38.0	42.0	49.0	980	63.0	0.05
.,		Mean ID	-1	9):	28.7	36.1	45.0	56.9	2.73	81.3	99.2	1129	126.5	144.5	163.1	180.6	203.3	226.0	253.0	284.9	321.0	361.5	406.8	452.0	506.4	569.8	6419	723.4	813.9	9042	1084.7	1266.1	1447.0	1628.0	1808.9
		t Wall	ø,	2	1.	1.6	<u>د</u>	2.4	3.0	3.6	4.3	5.3	6.0	6.7	7.7	9.8	9.6	10.8	11.9	13.4	15.0	16.9	19.1	21.5	23.9	26.7	30.0	83.9	88	42.9	47.7	3 57.2	1 86.7	5 76.2	86.7	96.2
		y Weight Ave kg/m	(4)	19		- (1)		2	0.48	0.68	0.99	1.48	1.86	2.35	3,08	3.84	4.76	5.98	7.41	9.25	11.78	14.89	18.88	23.87	29.45	36.91	46.77	59.45	75.29	95.23	117.50	169.18	239.54	300.96	382,16	472.24
97	6.3	Ovality	20	1	1.	97	2	3	1,5	1.6	1.8	22	2.5	2.8	32	3.6	4.0	4.5	5.0	9.8	11.1	12.5	14.0	15.6	17.5	19.6	22.1	24.9	28.0	31.5	320	5 42.0	1 49.0	1 56.0		,
5		Mean		2	45	-5		٠	58.1	69.2	83.0	101.3	115.4	129.2	147.6	166.3	184.6	207.9	230.9	258.7	290.9	327.9	389.5	415.8	462.0	517.4	582.1	6999	739.2	831.7	924.1	1108.5	1293.1	1476.1	1662.8	1847.4
1	7.	Min Wall			*	10			2.4	2.9	3.5	4.3	4.8	5.4	6.2	6.9	7.7	9.6	9.6	10.7	12.1	13.6	15.3	17.2	19.1	1 21.4	24.1	5 27.2	30.6	34.4	1 38.2	45.9	9 53.2	5 61.3	5 89.1	1 76.9
		y Weight Ave kg/m	-	7	*	- 10	Ü	-	*		19	0.95	124	1.56	2.02	2.51	3.08	3.90	4.89	90'9	7.62	9.69	12.28	15.49	19.28	24.00	30.37	38.65	49.01	61.81	76.54	110.14	150.19	195.75	245.95	304.41
Ž	4	Ovality Max		1	35	Е	,	×	×	100	21	22	2.5	2.8	3.2	3.6	5 4.0	4.5	0.5	9.8	11.1	12.5	14.0	9.51	3 (7.5	3.19.6	1 22.1	24.9	38.0	31.5	35.0	1 42.0	0.64 8	3 56.0	- 0	- 4
		Mean ID		5	1		•	*	×	9/1	8	104.7	118.9	133.2	152.3	171.5	190.5	214.4	238.0	256.7	300.2	338.2	380.0	428.9	476.3	533.6	600.4	676.5	762.3	867.8	962.9	1143.1	1332.6	1522.3	1716.0	1906.4
Q —	Y.	Min Wall	(4)	3		- 6		*	*	•	0	2.7	3.1	35	4.0	4.4	4.9	50	6.2	6.9	7.7	8.7	8.6	11.0	12.3	13.7	15.4	17.4	19.6	22.0	24.5	29.4	8.44	39.3	43.8	48.8
SDR	N for	NO	16	50	52	32	40	20	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	200	999	630	710	800	900	1000	1200	1400	1600	1800	2000

Note:

1) All dimensions are in millimetres and mass in kg/m.
2) Nominal Diameter (DN) equals outside diamter.
3) These dimensions also apply to THERMAPIPE®.