

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 1
to
AS/NZS 4130:2018
Polyethylene (PE) pipes for pressure applications

REVISED TEXT

The 2018 edition of AS/NZS 4130 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This amendment applies to:

- Clauses 8.1, 8.3.1.2 and 9.6
- Tables 2, 3, A1 and C1

Published on 5 March 2021.

Approved for publication in New Zealand by the New Zealand Standards Approval Board on 3 February 2021.

AMDT
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Table 2

Delete table and replace with the following:

TABLE 2
DIMENSIONS FOR SERIES 1 PIPES FOR STANDARD DIMENSION RATIOS

millimetres

SDRs 41, 33 and 26															
Nominal outside diameter DN	Mean outside diameter (D_m)		Maximum out of roundness	SDR 41				SDR 33				SDR 26			
				Wall thickness (T)		Mean inside diameter (D_i)		Wall thickness (T)		Mean inside diameter (D_i)		Wall thickness (T)		Mean inside diameter (D_i)	
	Min.	Max.		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
16	16.0	16.3	1.2	—	—	—	—	—	—	—	—	—	—	—	—
20	20.0	20.3	1.2	—	—	—	—	—	—	—	—	—	—	—	—
25	25.0	25.3	1.2	—	—	—	—	—	—	—	—	—	—	—	—
32	32.0	32.3	1.3	—	—	—	—	—	—	—	—	—	—	—	—
40	40.0	40.4	1.4	—	—	—	—	—	—	—	—	—	—	—	—
50	50.0	50.5	1.4	—	—	—	—	—	—	—	—	—	—	—	—
63	63.0	63.6	1.5	—	—	—	—	—	—	—	—	2.4	2.8	57.4	58.8
75	75.0	75.7	1.6	—	—	—	—	2.3	2.7	69.6	71.1	2.9	3.3	68.4	69.9
90	90.0	90.9	1.8	—	—	—	—	2.8	3.2	83.6	85.3	3.5	4.0	82.0	83.9
110	110.0	111.0	2.2	2.7	3.1	103.8	105.6	3.4	3.9	102.2	104.2	4.3	4.9	100.2	102.4
125	125.0	126.2	2.5	3.1	3.6	117.8	120.0	3.9	4.4	116.2	118.4	4.8	5.4	114.2	116.6
140	140.0	141.3	2.8	3.5	4.0	132.0	134.3	4.3	4.9	130.2	132.7	5.4	6.1	127.8	130.5
160	160.0	161.5	3.2	4.0	4.5	151.0	153.5	4.9	5.5	149.0	151.7	6.2	7.0	146.0	149.1
180	180.0	181.7	3.6	4.4	5.0	170.0	172.9	5.5	6.2	167.6	170.7	6.9	7.7	164.6	167.9
200	200.0	201.8	4.0	4.9	5.5	189.0	192.0	6.2	7.0	186.0	189.4	7.7	8.6	182.8	186.4
225	225.0	227.1	4.5	5.5	6.2	212.6	216.1	6.9	7.7	209.6	213.3	8.6	9.6	205.8	209.9
250	250.0	252.3	5.0	6.2	7.0	236.0	239.9	7.7	8.6	232.8	236.9	9.6	10.7	228.6	233.1
280	280.0	282.6	9.8	6.9	7.7	264.6	268.8	8.6	9.6	260.8	265.4	10.7	11.9	256.2	261.2
315	315.0	317.9	11.1	7.7	8.6	297.8	302.5	9.7	10.8	293.4	298.5	12.1	13.5	288.0	293.7
355	355.0	358.2	12.5	8.7	9.7	335.6	340.8	10.9	12.1	330.8	336.4	13.6	15.1	324.8	331.0
400	400.0	403.6	14.0	9.8	10.9	378.2	381.8	12.3	13.7	372.6	379.0	15.3	17.0	366.0	373.0
450	450.0	454.1	15.6	11.0	12.2	425.6	432.1	13.8	15.3	419.4	426.5	17.2	19.1	411.8	419.7
500	500.0	504.5	17.5	12.3	13.7	472.6	479.9	15.3	17.0	466.0	473.9	19.1	21.2	457.6	466.3
560	560.0	565.0	19.6	13.7	15.2	529.6	537.7	17.2	19.1	521.8	530.7	21.4	23.7	512.6	522.3
630	630.0	635.7	22.1	15.4	17.1	595.8	604.9	19.3	21.4	587.2	597.1	24.1	26.7	576.6	587.5
710	710.0	716.4	24.9	17.4	19.3	671.4	681.6	21.8	24.1	661.8	672.8	27.2	30.1	649.8	662.0
800	800.0	807.2	28.0	19.6	21.7	756.6	768.0	24.5	27.1	745.8	758.2	30.6	33.8	732.4	746.0
900	900.0	908.1	31.5	22.0	24.3	851.4	864.1	27.6	30.5	839.0	852.9	34.4	38.0	824.0	839.3
1000	1000.0	1009.0	35.0	24.5	27.1	945.8	960.0	30.6	33.8	932.4	947.8	38.2	42.2	915.6	932.6
1200	1200.0	1210.0	42.0	29.4	32.5	1135.0	1151.2	36.7	40.5	1119.0	1136.0	45.9	50.6	1098.8	1118.2
1400	1400.0	1410.0	49.0	34.4	38.0	1324.0	1341.2	42.9	47.3	1305.4	1324.2	53.2	58.7	1282.6	1303.6
1600	1600.0	1610.0	56.0	39.3	43.3	1513.2	1531.4	49.0	54.0	1492.0	1512.0	61.3	67.6	1464.8	1487.4
1800	1800.0	1816.2	—	43.8	48.3	1703.4	1728.6	54.5	60.1	1679.8	1707.2	69.1	76.2	1647.6	1677.4
2000	2000.0	2018.0	—	48.8	53.8	1892.4	1920.4	60.6	66.8	1866.4	1896.8	76.9	84.7	1830.6	1864.2

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