

PRODUCT DATA SHEET

SIMONA Peak Blue Pipe (PE100)



Specification overview

- BS EN 12201-2 DWI Reg 31
- (4)(A) WRAS / UK Reg 4
- PE100 - Blue skin/black core

For potable water supply below ground applications.

OD	SDR	Pressure rating	Material
90 - 630mm	9	20 bar	PE100
90 - 630mm	11	16 bar	PE100
90 - 630mm	17	10 bar	PE100
90 - 630mm	21	8 bar	PE100

Lengths

Pipes ≤ 180mm in diameter will be supplied in coil lengths of 25, 50, 100, 150m or lengths of 6 or 12m

Pipes ≥ 200mm in diameter will be supplied in standard lengths of 6, 12 or 13.5m.

Bespoke lengths can be produced on request

Markings

All products will be marked on one side with characters at least 3mm high in a contrasting colour to the pipe material <75mm in diameter.

All products will be marked on one side with characters at least 5mm high in a contrasting colour to the pipe material >90mm in diameter.

The following identification and traceability marks are printed once every metre:

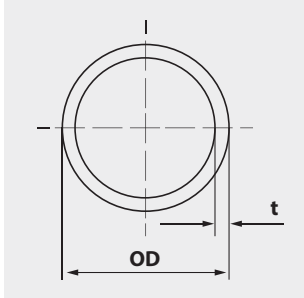
- Manufacturers identification: SIMONA Peak Pipe Systems
- Material designation: PE100
- Standard number: BS EN 12201-2
- SDR value: SDR11 (example)
- Outside diameter: 250mm (example)
- Manufacturing code: (Contains date)
- Application: Water
- Pressure rating: 16 bar (example)

Suitable jointing methods

- Butt fusion
- Electrofusion Fittings
- Mechanical Fittings
- Compression Fittings
- Note: Maximum system pressure is only rated to the lowest performing component

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Nom size (mm)	Max OD (mm)	SDR	Min t (mm)	Max t (mm)	Mean weight (kg/m)	Mean bore (mm)
90	90.6	9	10.1	11.3	2.6	68.9
110	110.7	9	12.3	13.7	3.8	84.4
125	125.8	9	14	15.6	4.9	95.8
140	140.9	9	15.7	17.4	6.2	107.3
160	161	9	17.9	19.8	8	122.7
180	181.1	9	20.1	22.3	10.2	138.2
200	201.2	9	22.4	24.8	12.6	153.4
225	226.4	9	25.2	27.9	15.9	172.5
250	251.5	9	27.9	30.8	19.6	192
280	281.7	9	31.3	34.6	24.6	214.9
315	316.9	9	35.2	38.9	31.1	241.8
355	357.2	9	39.7	43.8	39.5	272.5
400	402.4	9	44.7	49.3	50.2	307.2
450	452.7	9	50.3	55.5	63.5	345.6

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Nom size (mm)	Max OD (mm)	SDR	Min t (mm)	Max t (mm)	Mean weight (kg/m)	Mean bore (mm)
500	503	9	55.8	61.5	78.3	384.1
560	563.4	9	62.5	68.9	98.2	430.3
630	633.8	9	70.3	77.5	124.3	484.1
90	90.6	11	8.2	9.2	2.1	72.9
110	110.7	11	10	11.1	3.2	89.2
125	125.8	11	11.4	12.7	4.1	101.2
140	140.9	11	12.7	14.1	5.1	113.7
160	161	11	14.6	16.2	6.7	129.7
180	181.1	11	16.4	18.2	8.5	146
200	201.2	11	18.2	20.2	10.5	162.2
225	226.4	11	20.5	22.7	13.3	182.5
250	251.5	11	22.7	25.1	16.3	203
280	281.7	11	25.4	28.1	20.5	227.3
315	316.9	11	28.6	31.6	25.9	255.8
355	357.2	11	32.2	35.6	32.9	288.3
400	402.4	11	36.3	40.1	41.8	324.8
450	452.7	11	40.9	45.1	52.9	365.4
500	503	11	45.4	50.1	65.3	405.9
560	563.4	11	50.8	56	81.8	454.9
630	633.8	11	57.2	63.1	103.6	511.5
90	90.6	17	5.4	6.1	1.5	78.7
110	110.7	17	6.6	7.4	2.2	96.4
125	125.8	17	7.4	8.3	2.8	109.6
140	140.9	17	8.3	9.3	3.5	122.9
160	161	17	9.5	10.6	4.6	140.3
180	181.1	17	10.7	11.9	5.8	158
200	201.2	17	11.9	13.2	7.1	175.4

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Nom size (mm)	Max OD (mm)	SDR	Min t (mm)	Max t (mm)	Mean weight (kg/m)	Mean bore (mm)
225	226.4	17	13.4	14.9	9	197.3
250	251.5	17	14.8	16.4	11.1	219.6
280	281.7	17	16.6	18.4	13.9	245.9
315	316.9	17	18.7	20.7	17.6	276.6
355	357.2	17	21.1	23.4	22.4	311.5
400	402.4	17	23.7	26.2	28.3	351.2
450	452.7	17	26.7	29.5	35.8	395.2
500	503	17	29.7	32.8	44.3	438.9
560	563.4	17	33.2	36.7	55.5	491.7
630	633.8	17	37.4	41.3	70.3	553.1
90	90.6	21	4.3	4.9	1.2	81.1
110	110.7	21	5.3	6	1.8	99
125	125.8	21	6	6.7	2.3	112.6
140	140.9	21	6.7	7.5	2.9	126.3
160	161	21	7.7	8.6	3.7	144.1
180	181.1	21	8.6	9.6	4.7	162.4
200	201.2	21	9.6	10.7	5.8	180.2
225	226.4	21	10.8	12	7.4	202.9
250	251.5	21	11.9	13.2	9	225.6
280	281.7	21	13.4	14.9	11.4	252.5
315	316.9	21	15	16.6	14.3	284.4
355	357.2	21	16.9	18.7	18.1	320.5
400	402.4	21	19.1	21.2	23.1	360.8
450	452.7	21	21.5	23.8	29.3	406
500	503	21	23.9	26.4	36.1	451.1
560	563.4	21	26.7	29.5	45.2	505.5
630	633.8	21	30	33.1	57.1	568.7