



Pipe & Coil Data – AS/NZS4130 Metric Pipe PE100 Series 1 – General Pressure Pipe

Pipe Dimensions and Coil Weights

Nominal Outside Diameter (mm)	Mean OD		Nominal Working Pressure	Standard Dimension Ratio	Wall Thickness		Minimum Weight (kg)						
	Min (mm)	Max (mm)			Min (mm)	Max (mm)	Per m	300	200	150	100	50	25
16	16.0	16.3	PN25	SDR 7.4	2.3	2.7	0.095	28.5				4.8	
20	20.0	20.3	PN 12.5	SDR 13.6	1.6	1.9	0.089		17.8			4.4	2.2
			PN 16	SDR 11	1.9	2.2	0.104		20.7			5.2	
			PN 20	SDR 9	2.3	2.7	0.123		24.6				
			PN 25	SDR 7.4	2.8	3.2	0.145		29.0				
25	25.0	25.3	PN 10	SDR 17	1.6	1.9	0.113		22.6				
			PN 12.5	SDR 13.6	1.9	2.2	0.132		26.5			6.6	3.3
			PN 16	SDR 11	2.3	2.7	0.158		31.5			7.9	
			PN 20	SDR 9	2.8	3.2	0.188		37.5				
			PN 25	SDR 7.4	3.5	4.0	0.227		45.4				
32	32.0	32.3	PN 8	SDR 21	1.6	1.9	0.147		29.3				
			PN 10	SDR 17	1.9	2.2	0.173		34.5				
			PN 12.5	SDR 13.6	2.4	2.8	0.214		42.9			10.7	5.4
			PN 16	SDR 11	2.9	3.3	0.255		50.9			12.7	
			PN 20	SDR 9	3.6	4.1	0.308		61.7				
			PN 25	SDR 7.4	4.4	5.0	0.366		73.3				
40	40.0	40.4	PN 8	SDR 21	1.9	2.2	0.218			32.7			
			PN 10	SDR 17	2.4	2.8	0.272			40.8			
			PN 12.5	SDR 13.6	3.0	3.4	0.335			50.2		16.7	8.4
			PN 16	SDR 11	3.7	4.2	0.405			60.8		20.3	
			PN 20	SDR 9	4.5	5.1	0.482			72.3			
			PN25	SDR 7.4	5.5	6.2	0.572			85.8			
50	50.0	50.5	PN 8	SDR 21	2.4	2.8	0.345			51.7			
			PN 10	SDR 17	3.0	3.4	0.425			63.8			
			PN 12.5	SDR 13.6	3.7	4.2	0.517			77.5		25.8	
			PN 16	SDR 11	4.6	5.2	0.630			94.5		31.5	
			PN 20	SDR 9	5.6	6.3	0.750			112.5			
			PN 25	SDR 7.4	6.9	7.7	0.897			134.5			
63	63.0	63.6	PN 6.3	SDR 26	2.4	2.8	0.439		87.7		43.9		
			PN 8	SDR 21	3.0	3.4	0.543		108.6		54.3		
			PN 10	SDR 17	3.8	4.3	0.679			67.9			
			PN 12.5	SDR 13.6	4.7	5.3	0.826			82.6		41.3	
			PN 16	SDR 11	5.8	6.5	1.001			100.1			
			PN 20	SDR 9	7.1	8.0	1.197			119.7			
			PN 25	SDR 7.4	8.6	9.6	1.411			141.1			
75	75.0	75.7	PN 6.3	SDR 26	2.9	3.3	0.631	189.2			63.1		
			PN 8	SDR 21	3.6	4.1	0.775			77.5			
			PN 10	SDR 17	4.5	5.1	0.957			95.7			
			PN 12.5	SDR 13.6	5.5	6.2	1.153			115.3			
			PN 16	SDR 11	6.8	7.6	1.399			139.9			
			PN 20	SDR 9	8.4	9.4	1.687			168.7			
			PN 25	SDR 7.4	10.3	11.5	2.010			201.0			
90	90.0	90.9	PN 8	SDR 21	4.3	4.9	1.111				111.1		
			PN 10	SDR 17	5.4	6.1	1.378				137.8		
			PN 12.5	SDR 13.6	6.6	7.4	1.660				166.0		
			PN 16	SDR 11	8.2	9.2	2.023				202.3		
			PN 20	SDR 9	10.1	11.3	2.434				243.4		
			PN 25	SDR 7.4	12.3	13.7	2.882				288.2		
110	110.0	111.0	PN 10	SDR 17	6.6	7.4	2.058				205.8		
			PN 12.5	SDR 13.6	8.1	9.1	2.489				248.9		
			PN 16	SDR 11	10.0	11.1	3.016				301.6		
			PN 20	SDR 9	12.3	13.7	3.624				362.4		
			PN 25	SDR 7.4	15.1	16.8	4.322				432.2		

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Pipe Dimensions and Coil Weights

Nominal Outside Diameter (mm)	Coil Length (m)	Coil Dimensions			Coil Volume	
		Width (mm)	ID (mm)	OD (mm)	Cubic (m ³)	Cylindric (m ³)
16	50	110	600	740	0.060	0.047
	300	245	600	880	0.190	0.149
20	25	90	600	730	0.048	0.038
	50	130	600	760	0.075	0.059
	200	230	600	920	0.195	0.153
25	25	100	740	900	0.081	0.064
	50	110	740	990	0.108	0.085
	200	230	740	1100	0.278	0.219
32	25	120	830	955	0.109	0.086
	50	160	830	1080	0.187	0.147
	200	270	830	1290	0.449	0.353
40	25	165	1000	1160	0.222	0.174
	50	170	1000	1300	0.287	0.226
	150	300	1000	1430	0.613	0.482
50	50	230	1250	1580	0.574	0.451
	150	320	1250	1780	1.014	0.796
	300	315	1250	2200	1.525	1.197
63	50	230	1600	1920	0.848	0.666
	100	340	1600	2050	1.429	1.122
	200	350	1600	2370	1.966	1.544
75	100	440	1980	2440	2.620	2.057
	300	475	2000	2985	4.232	3.324
90	100	390	2100	2730	2.907	2.283
110	100	430	2400	3150	4.267	3.351