



Corzan Pipe PN16

Plain ended - standard length 5m

Size	nominal bore	Maximum Pressure (bar)	Weight/m	O.D. (mm)	Minimum Wall (mm)	Code	Price/m
16	13.6	16	0.11	16.0	1.2	38 560 305	3.13
20	17.0	16	0.17	20.0	1.5	38 560 306	4.97
25	21.2	16	0.26	25.0	1.9	38 560 307	7.35
32	27.2	16	0.42	32.0	2.4	38 560 308	7.54
40	34.0	16	0.63	40.0	3.0	38 560 309	11.21
50	42.6	16	0.97	50.0	3.7	38 560 310	17.25
63	53.6	16	1.53	63.0	4.7	38 560 311	27.56
75	63.8	16	2.20	75.0	5.6	38 560 312	40.41
90	76.6	16	2.88	90.0	6.7	38 560 313	62.44
110	93.6	16	4.31	110.0	8.2	38 560 314	93.65
160*	144.6	10	6.06	160.0	7.7	38 555 317	139.46

* PN10

Pipework Support

PVC-C pipework requires more support than for metallic systems. As working temperature increases, the distance between supports is reduced. For temperatures indicated by * continuous support is required.

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Pipe Size	Support Centres/m								
	20°C	30°C	40°C	50°C	60°C	70°C	80°C	90°C	
16	0.75	0.70	0.70	0.65	0.60	*	*	*	
20	0.80	0.75	0.75	0.70	0.65	0.50	0.50	*	
25	0.85	0.80	0.80	0.75	0.70	0.60	0.55	*	
32	0.95	0.90	0.90	0.85	0.80	0.70	0.65	*	
40	1.05	1.00	1.00	0.95	0.90	0.80	0.75	0.50	
50	1.20	1.05	1.10	1.05	1.00	0.90	0.85	0.60	
63	1.35	1.30	1.25	1.20	1.15	1.10	1.05	0.80	
75	1.45	1.40	1.35	1.30	1.25	1.15	1.10	0.85	
90	1.60	1.55	1.50	1.40	1.35	1.20	1.15	0.90	
110	1.80	1.75	1.70	1.60	1.55	1.35	1.30	1.05	
160	2.00	1.90	1.85	1.80	1.75	1.60	1.40	1.10	

Temperature De-Rating Factors

Pressure ratings for Durapipe PVC-C pipework systems are always quoted at 20°C. As working temperature increases, the maximum working pressure decreases by the factor indicated.

Working Temperature (°C)	Pressure De-Rating Factor
20	1.00
30	0.86
40	0.71
50	0.56
60	0.43
70*	0.33
80**	0.25
85***	0.21
95****	0.21

Durapipe pressure de-rating factors are based on a design life of 50 years except for:

- * 15 years
- ** 5 years
- ***3 years
- ****1 year

Consult our technical department to discuss higher pressures and the effect on design life.