



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.

PN 16 PIPE

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.