

10.3. Spacing distance between pipe supports

Maximum pipeline supports spacing of Pilsa PPR S 5 (PN 10) pipe (horizontal pipeline)

Ø pipe [mm]	spacing distances in [cm] at temperature of					
	20 °C	30 °C	40 °C	50 °C	60 °C	80 °C
16	90	85	85	80	80	65
20	95	90	85	85	80	70
25	100	100	100	95	90	85
32	120	115	115	110	100	90
40	130	130	125	120	115	100
50	150	150	140	130	125	110
63	170	160	155	150	145	125
75	185	180	175	160	155	140
90	200	200	185	180	175	150
110	220	215	210	195	190	165
125	235	230	225	210	200	170

Maximum distances of supports of pipeline Pilsa PPR S 3,2 (PN 16) pipe (horizontal pipeline)

Ø pipe [mm]	spacing distances in [cm] at temperature of					
	20 °C	30 °C	40 °C	50 °C	60 °C	80 °C
16	80	75	75	70	70	60
20	90	80	80	80	70	65
25	95	95	95	90	80	75
32	110	105	105	100	95	80
40	120	120	115	105	100	95
50	135	130	125	120	115	100
63	155	150	145	135	130	115
75	170	165	160	150	145	125
90	180	180	170	165	160	135
110	200	195	190	180	175	155
125	220	215	200	195	190	165

Maximum pipeline supports spacing of Pilsa PPR S 5 (PN 10) pipe (horizontal pipeline)

Ø pipe [mm]	spacing distances [in cm] at temperature of	
	20 °C	30 °C
20	80	75
25	85	85
32	100	95
40	110	110
50	125	120
63	140	135
75	155	150
90	165	165
110	185	180
125	200	195

Maximum distances of supports of pipeline Pilsa Plus (S 3,2, S 4)

Ø pipe [mm]	spacing distances [in cm] at temperature of						
	20 °C	30 °C	40 °C	50 °C	60 °C	80 °C	
16	80	75	75	70	70	60	
20	85	80	75	75	70	65	
25	90	90	90	85	80	75	
32	105	100	100	95	90	80	
40	115	115	110	105	100	90	
50	130	125	120	115	110	95	
63	145	140	135	130	125	110	
75	160	155	150	140	135	120	
90	170	170	160	155	150	130	
110	190	185	180	170	165	145	
125	205	200	190	185	180	160	

Maximum spacing distances Aluminium Foiled, Basalttherm independently of water temperature

Ø pipe [mm]	spacing distances [in cm] at temperature of	
	Aluminium Foiled	FIBER BASALT PLUS
16	110	
20	120	80
25	140	100
32	145	110
40	150	120
50	155	130
63	165	150
75	170	145
90	190	155
110	205	160
125	220	165

Maximum spacing distances between supports for vertically oriented pipelines should be multiplied by 1.3.