

Rail Selection Matrix

Pipe diameter (EN 10220) [mm]	Recommended span [m]	Water filled weight per fixing at recommended span [N]	Number of pipes							
			1	2	3	4	5	6	7	8
16	1.50	11	R0	R0	R0	R1	R1	R1	R1	R1
17	1.50	12	R0	R0	R0	R1	R1	R1	R1	R1
20	1.50	16	R0	R0	R0	R1	R1	R1	R1	R1
21	1.50	17	R0	R0	R0	R1	R1	R1	R1	R1
25	1.50	22	R0	R0	R0	R1	R1	R1	R1	R2
27	1.50	26	R0	R0	R1	R1	R1	R1	R2	R2
30	1.50	33	R0	R0	R1	R1	R1	R1	R2	R2
32	1.50	36	R0	R0	R1	R1	R1	R2	R2	R8
34	1.50	39	R0	R0	R1	R1	R1	R2	R2	R8
38	1.50	46	R0	R0	R1	R1	R2	R2	R8	R7 (R0*)
42	1.50	53	R0	R0	R1	R1	R2	R2	R8	R7 (R0*)
45	1.50	57	R0	R0	R1	R1	R2	R8	R7 (R1*)	R7 (R0*)
48	1.50	65	R0	R0	R1	R1	R2	R8	R7 (R1*)	R7 (R0*)
51	1.50	70	R0	R1	R1	R2	R2	R7 (R0*)	R7 (R1*)	R7 (R0**)
57	1.50	87	R0	R1	R1	R2	R8	R7 (R0*)	R7 (R1*)	R7 (R0*)
60	3.00	190	R0	R1	R2	R7 (R0*)	R7 (R1**)	R7 (R1*)	R7 (R2*)	R4 (R8*)
64	3.00	204	R0	R1	R2	R7 (R1**)	R7 (R2*)	R7 (R2*)	R4 (R8*)	R6 (R8*)
70	3.00	236	R0	R1	R8	R7 (R1**)	R7 (R2**)	R4 (R2**)	R6 (R7*)	R6 (R8*)
76	3.00	268	R0	R2	R7 (R1*)	R7 (R1*)	R7 (R2*)	R4 (R8**)	R6 (R7**)	R6 (R7**)
83	3.00	318	R0	R2	R7 (R1*)	R7 (R1*)	R7 (R8*)	R6 (R8*)	R6 (R7*)	R7*
89	3.00	356	R0	R2	R7 (R2*)	R7 (R1*)	R4 (R7*)	R6 (R8*)	R6 (R7*)	R7*
102	3.00	462	R0	R7 (R0**)	R7 (R2**)	R4 (R8**)	R6 (R7**)	R6 (R7**)	R7*	R4*
108	3.00	507	R1	R7 (R0**)	R7 (R8*)	R6 (R8*)	R6 (R7*)	R7*	R7*	R4*
114	3.00	554	R1	R7 (R0**)	R7 (R8*)	R6 (R8*)	R6 (R7*)	R7*	R4*	R4*

Colour = Rail length [mm]
200
400
600
800
1000
1200
1400
1600
1800
2000
2200

* With a third anchor point at center rail. In case of uneven number of pipes, a 33/66 distribution should be applied.
 ** With a third anchor point at center rail and 200 mm of extra rail length. In case of uneven number of pipes, a 33/66 distribution should be applied.