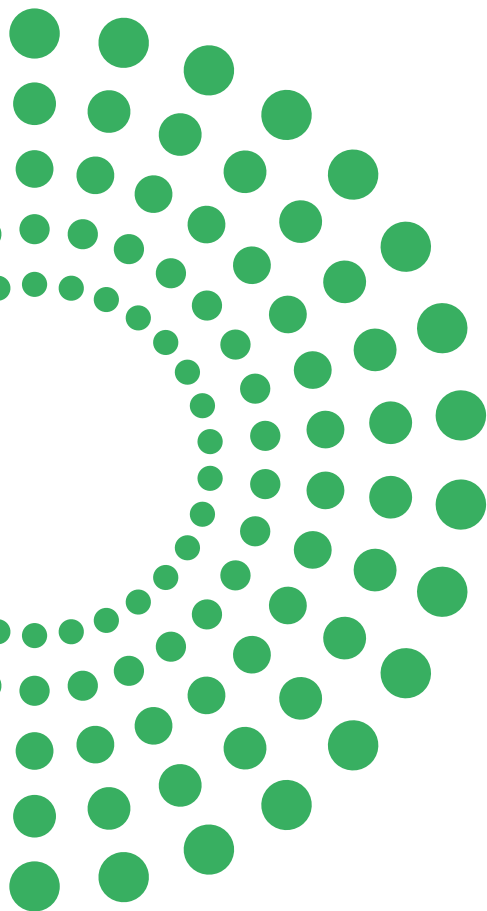


Permissible working pressure for general applications __



SDR = Standard Dimension Ratio (diameter/wall thickness ratio)

S = single-layer

MF = multi-layer fibre

MF RP = multi-layer fibre – raised pressure resistance

For fittings of butt-welded pipe segments a reduction factor of 0.75 (reduction of the table values by 25 %) is effective.

Years of service	aquatherm green SDR 7.4 MF	aquatherm green SDR 9 MF RP
at temperature up to 10 °C (50 °F)		
10	27.7 bar	27.5 bar
25	26.9 bar	27.1 bar
50	26.1 bar	26.7 bar
100	25.2 bar	26.3 bar
at temperature up to 15 °C (59 °F)		
10	26.9 bar	25.7 bar
25	26.1 bar	25.2 bar
50	25.3 bar	24.9 bar
100	24.5 bar	24.5 bar
at temperature up to 20 °C (68 °F)		
10	26.1 bar	23.9 bar
25	25.3 bar	23.5 bar
50	24.5 bar	23.1 bar
100	23.7 bar	22.8 bar
at temperature up to 30 °C (86 °F)		
10	22.0 bar	20.6 bar
25	21.3 bar	20.2 bar
50	20.7 bar	19.9 bar
100	20.0 bar	19.7 bar
at temperature up to 40 °C (104 °F)		
10	18.7 bar	17.7 bar
25	18.0 bar	17.3 bar
50	17.5 bar	17.1 bar
100	16.8 bar	16.8 bar
at temperature up to 50 °C (122 °F)		
10	15.7 bar	15.1 bar
25	15.2 bar	14.7 bar
50	14.7 bar	14.5 bar
100	14.1 bar	14.3 bar
at temperature up to 60 °C (140 °F)		
10	13.2 bar	12.7 bar
25	12.6 bar	12.4 bar
50	12.1 bar	12.2 bar
at temperature up to 70 °C (158 °F)		
10	11.1 bar	10.7 bar
25	9.6 bar	10.4 bar
50	8.1 bar	10.2 bar
at temperature up to 75 °C (167 °F)		
10	10.0 bar	9.7 bar
25	8.0 bar	9.5 bar
50	6.7 bar	9.3 bar
at temperature up to 80 °C (176 °F)		
5	9.2 bar	9.0 bar
10	7.8 bar	8.9 bar
25	6.2 bar	8.6 bar
at temperature up to 90 °C (194 °F)		
5	6.0 bar	7.4 bar
10	5.1 bar	7.3 bar