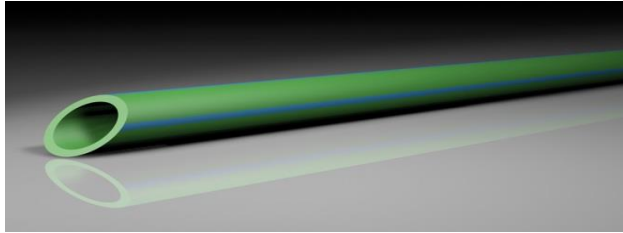


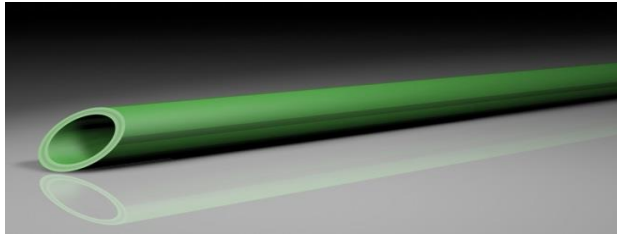
Weight comparison aquatherm PP-R vs Metal pipes [kg/m]



aquatherm green pipe SDR11 S

Pipe size	Pipe size PP-R	Weight aquatherm PP-R	Weight Copper Type B	Weight Copper Type A	Weight Steel Schedule 40	Weight Steel Schedule 80
DN15	Ø20x1.9	0.109	0.301	0.335	1.266	1.620
DN20	Ø25x2.3	0.165	0.517	0.703	1.682	2.200
DN25	Ø32x2.9	0.265	0.829	1.088	2.498	3.240
DN32	Ø40x3.7	0.415	1.046	1.379	3.377	4.470
DN40	Ø50x4.6	0.645	1.264	1.670	4.046	5.410
DN50	Ø63x5.8	1.015	1.699	2.251	5.430	7.480
DN65	Ø75x6.8	1.415	2.134	2.832	8.610	11.410
DN80	Ø90x8.2	2.045	3.414	4.229	11.272	15.270
DN100	Ø110x10.0	3.136	4.577	5.677	16.046	22.320
DN100	Ø125x11.4	3.927	4.577	5.677	16.046	22.320
DN125	Ø160x14.6	6.416	5.739	7.125	21.744	30.970
DN150	Ø200x18.2	9.991	8.573	11.104	28.213	42.560
DN200	Ø250x22.7	15.540	11.470	14.871	42.459	64.640
DN250	Ø315x28.6	25.700			60.200	96.010
DN300	Ø355x32.2	31.300			73.705	132.080
DN300	Ø400x36.3	41.400			73.705	132.080
DN400	Ø450x40.9	52.400			93.069	203.530

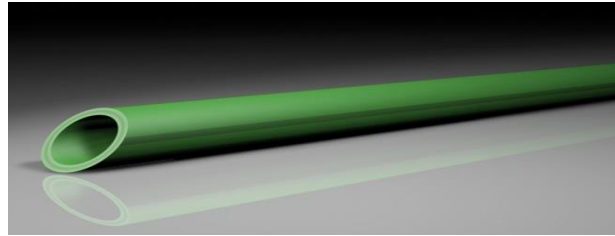
Weight comparison aquatherm PP-R vs Metal pipes [kg/m]



aquatherm green pipe SDR7.4 MF

Pipe size	Pipe size PP-R	Weight aquatherm PP-R	Weight Copper Type B	Weight Copper Type A	Weight Steel Schedule 40	Weight Steel Schedule 80
DN15	Ø20x2.8	0.159	0.301	0.335	1.266	1.620
DN20	Ø25x3.5	0.247	0.517	0.703	1.682	2.200
DN25	Ø32x4.4	0.395	0.829	1.088	2.498	3.240
DN32	Ø40x5.5	0.610	1.046	1.379	3.377	4.470
DN40	Ø50x6.9	0.950	1.264	1.670	4.046	5.410
DN50	Ø63x8.6	1.490	1.699	2.251	5.430	7.480
DN50	Ø75x10.3	2.115	1.699	2.251	5.430	7.480
DN65	Ø90x12.3	3.030	2.134	2.832	8.610	11.410
DN80	Ø110x15.1	4.530	3.414	4.229	11.272	15.270
DN100	Ø125x17.1	6.211	4.577	5.677	16.046	22.320
DN125	Ø160x21.9	9.750	5.739	7.125	21.744	30.970
DN150	Ø200x27.4	15.005	8.573	11.104	28.213	42.560
DN200	Ø250x34.2	23.470	11.470	14.871	42.459	64.640

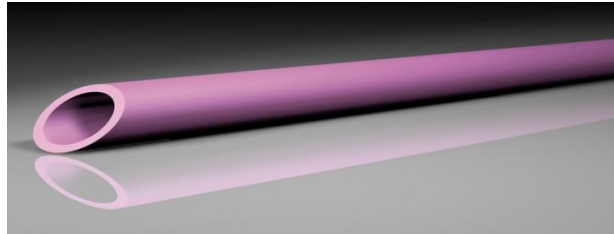
Weight comparison aquatherm PP-R vs Metal pipes [kg/m]



aquatherm green pipe SDR9 MF RP

Pipe size	Pipe size PP-R	Weight aquatherm PP-R	Weight Copper Type B	Weight Copper Type A	Weight Steel Schedule 40	Weight Steel Schedule 80
DN25	Ø32x3.6	0.328	0.829	1.088	2.498	3.240
DN32	Ø40x4.5	0.511	1.046	1.379	3.377	4.470
DN40	Ø50x5.6	0.791	1.264	1.670	4.046	5.410
DN50	Ø63x7.1	1.261	1.699	2.251	5.430	7.480
DN65	Ø75x8.4	1.771	2.134	2.832	8.610	11.410
DN65	Ø90x10.1	2.553	2.134	2.832	8.610	11.410
DN80	Ø110x12.3	3.789	3.414	4.229	11.272	15.270
DN100	Ø125x14.0	4.886	4.577	5.677	16.046	22.320
DN125	Ø160x17.9	7.987	5.739	7.125	21.744	30.970
DN150	Ø200x22.4	12.489	8.573	11.104	28.213	42.560
DN200	Ø250x27.9	19.423	11.470	14.871	42.459	64.640
DN250	Ø315x35.2	30.877			60.200	96.010
DN300	Ø355x39.7	39.203			73.705	132.080

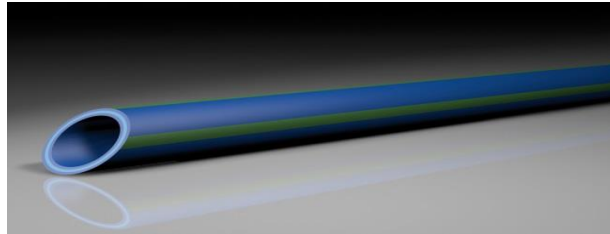
Weight comparison aquatherm PP-R vs Metal pipes [kg/m]



aquatherm lilac pipe SDR7.4*/SDR11 S

Pipe size	Pipe size PP-R	Weight aquatherm PP-R	Weight Copper Type B	Weight Copper Type A	Weight Steel Schedule 40	Weight Steel Schedule 80
DN15	Ø20x2.8*	0.152	0.301	0.335	1.266	1.620
DN20	Ø25x3.5*	0.226	0.517	0.703	1.682	2.200
DN25	Ø32x2.9	0.265	0.829	1.088	2.498	3.240
DN32	Ø40x3.7	0.415	1.046	1.379	3.377	4.470
DN40	Ø50x4.6	0.645	1.264	1.670	4.046	5.410
DN50	Ø63x5.8	1.015	1.699	2.251	5.430	7.480
DN65	Ø75x6.8	1.415	2.134	2.832	8.610	11.410
DN80	Ø90x8.2	2.045	3.414	4.229	11.272	15.270
DN100	Ø110x10.0	3.136	4.577	5.677	16.046	22.320
DN100	Ø125x11.4	3.927	4.577	5.677	16.046	22.320

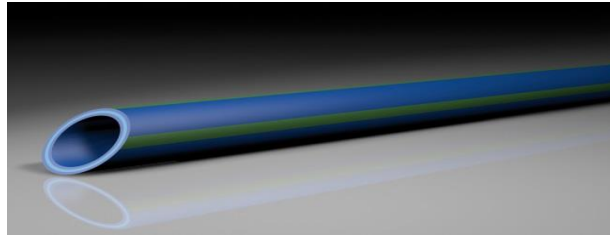
Weight comparison aquatherm PP-R vs Metal pipes [kg/m]



aquatherm blue pipe SDR7.4*/SDR11 MF

Pipe size	Pipe size PP-R	Weight aquatherm PP-R	Weight Copper Type B	Weight Copper Type A	Weight Steel Schedule 40	Weight Steel Schedule 80
DN15	Ø20x2.8*	0.159	0.301	0.335	1.266	1.620
DN20	Ø25x3.5*	0.244	0.517	0.703	1.682	2.200
DN25	Ø32x4.4*	0.395	0.829	1.088	2.498	3.240
DN25	Ø32x2.9	0.285	0.829	1.088	2.498	3.240
DN32	Ø40x3.7	0.435	1.046	1.379	3.377	4.470
DN40	Ø50x4.6	0.675	1.264	1.670	4.046	5.410
DN50	Ø63x5.8	1.065	1.699	2.251	5.430	7.480
DN65	Ø75x6.8	1.482	2.134	2.832	8.610	11.410
DN80	Ø90x8.2	2.145	3.414	4.229	11.272	15.270
DN100	Ø110x10.0	3.175	4.577	5.677	16.046	22.320
DN100	Ø125x11.4	4.118	4.577	5.677	16.046	22.320
DN125	Ø160x14.6	6.728	5.739	7.125	21.744	30.970
DN150	Ø200x18.2	10.480	8.573	11.104	28.213	42.560
DN200	Ø250x22.7	16.300	11.470	14.871	42.459	64.640
DN250	Ø315x28.6	25.700			60.200	96.010
DN300	Ø355x32.2	33.034			73.705	132.080
DN300	Ø400x36.3	41.400			73.705	132.080
DN400	Ø450x40.9	52.400			93.069	203.530

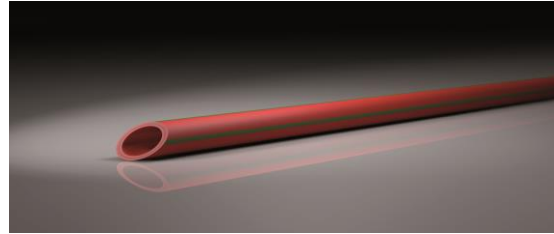
Weight comparison aquatherm PP-R vs Metal pipes [kg/m]



aquatherm blue pipe SDR17.6 MF

Pipe size	Pipe size PP-R	Weight aquatherm PP-R	Weight Copper Type B	Weight Copper Type A	Weight Steel Schedule 40	Weight Steel Schedule 80
DN100	Ø125x7.1	2.698	4.577	5.677	16.046	22.320
DN125	Ø160x9.1	4.360	5.739	7.125	21.744	30.970
DN150	Ø200x11.4	6.800	8.573	11.104	28.213	42.560
DN200	Ø250x14.2	10.570	11.470	14.871	42.459	64.640
DN250	Ø315x17.9	16.740			60.200	96.010
DN300	Ø355x20.1	21.210			73.705	132.080
DN300	Ø400x22.7	26.930			73.705	132.080
DN400	Ø450x25.5	34.020			93.069	203.530
DN450	Ø500x28.4	42.070			104.980	254.550
DN500	Ø560x31.7	52.550			116.892	311.170
DN500	Ø630x35.7	66.540			116.892	311.170

Weight comparison aquatherm PP-R vs Metal pipes [kg/m]



aquatherm red pipe SDR7.4/SDR11* MF HI

Pipe size	Pipe size PP-R	Weight aquatherm PP-R	Weight Copper Type B	Weight Copper Type A	Weight Steel Schedule 40	Weight Steel Schedule 80
DN15	Ø20x2.8	0.163	0.301	0.335	1.266	1.620
DN20	Ø25x3.5	0.261	0.517	0.703	1.682	2.200
DN25	Ø32x4.4	0.403	0.829	1.088	2.498	3.240
DN32	Ø40x5.5	0.628	1.046	1.379	3.377	4.470
DN40	Ø50x6.9	0.955	1.264	1.670	4.046	5.410
DN50	Ø63x8.6	1.508	1.699	2.251	5.430	7.480
DN50	Ø75x10.3	2.160	1.699	2.251	5.430	7.480
DN65	Ø90x12.3	3.083	2.134	2.832	8.610	11.410
DN80	Ø110x15.1	4.500	3.414	4.229	11.272	15.270
DN100	Ø125x17.1	5.980	4.577	5.677	16.046	22.320
DN125	Ø160x14.6*	6.728	5.739	7.125	21.744	30.970