

aquatherm blue

Pipe system made of polypropylene

aquatherm blue made of corrosion-resistant polypropylene is a specialist for the transport of cooling and heating media in closed systems and is suitable for various industrial applications.

The physical properties of the plastic are adapted to the special requirements of the heating and cooling sector. It is characterised by its high temperature and pressure resistance. In addition, the thermal fusion welding method creates a fully homogeneous and materially cohesive unit ensuring maximum safety and service life.

The system contains – in combination with the aquatherm green fittings – all components for the pipe installation of air conditioning and heating systems as well as for the plant engineering.



Application:



For heating and cooling and various industrial applications

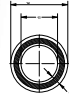
	20	25	32	40	50	63	75	90	110	125	160	200	250	315	355	400	450	500	630
SDR 7,4 MF	○	○																	
SDR 7,4 MF IV	○	○																	
SDR 7,4 MF OT	○	○																	
SDR 9 MF RP			○																
SDR 9 MF RP IV			○																
SDR 9 MF RP OT			○																
SDR 9 MF RP ENERGY			○																
SDR 9 MF RP OT ENERGY			○																
SDR 11 S	○	○																	
SDR 11 MF RP				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SDR 11 MF RP IV				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SDR 11 MF RP OT				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SDR 11 MF RP ENERGY				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SDR 11 MF RP OT ENERGY				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SDR 17,4 MF RP											○	○	○	○	○	○	○	○	○
SDR 17,4 MF RP IV											○	○	○	○	○	○	○	○	○
SDR 17,4 MF RP ENERGY											○	○	○	○	○	○	○	○	○

Legend table abbreviations:
d diameter in mm
D diameter in mm
s wall thickness in mm
di internal diameter in mm
l/m water content in litres/metre
kg/m weight data in kg per metre
DN diameter nominal
PU packing unit in metre
SDR standard dimension ratio
lengths units in mm unless otherwise specified

aquatherm blue SDR 7.4 MF

MF = multi-layer, fibre-reinforced
socket welding

Article no.	d	s	di	U/m	kg/m	DN	Pf [m]
201202006	20	2.8	14.4	0.163	0.157	15	100
201202508	25	3.5	18.0	0.254	0.244	20	100

**aquatherm blue SDR 9 MF RP**

MF = multi-layer, fibre-reinforced
RP = raised pressure resistance
socket welding

Article no.	d	s	di	U/m	kg/m	DN	Pf [m]
2013032010	32	3.6	24.8	0.539	0.334	25	40

**aquatherm blue SDR 7.4 MF UV**

MF = multi-layer, fibre-reinforced
UV = UV-resistant
socket welding

Article no.	d	s	di	U/m	kg/m	DN	Pf [m]
221202006	20	2.8	14.4	0.163	0.210	15	100
221202508	25	3.5	18.0	0.254	0.314	20	100

**aquatherm blue SDR 9 MF RP UV**

MF = multi-layer, fibre-reinforced
RP = raised pressure resistance
UV = UV-resistant
socket welding

Article no.	d	s	di	U/m	kg/m	DN	Pf [m]
2213032010	32	3.6	24.8	0.483	0.435	25	40

**aquatherm blue SDR 7.4 MF OT**

MF = multi-layer, fibre-reinforced
OT = oxygen-tight
socket welding

Article no.	d	s	di	U/m	kg/m	DN	Pf [m]
211202006	20	2.8	14.4	0.163	0.211	15	100
211202508	25	3.5	18.0	0.254	0.316	20	100

**aquatherm blue SDR 9 MF RP OT**

MF = multi-layer, fibre-reinforced
RP = raised pressure resistance
OT = oxygen-tight
socket welding

Article no.	d	s	di	U/m	kg/m	DN	Pf [m]
2113032010	32	3.6	24.8	0.483	0.343	25	40

