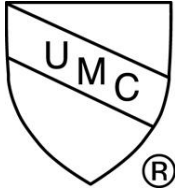


# IAPMO RESEARCH AND TESTING, INC.

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## CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

The most updated information on this Certificate of Listing is available online at [pld.iapmo.org](http://pld.iapmo.org)

Product: Pressure Rated Polypropylene Piping Systems File No. M-6022

Issued To: AQUATHERM GMBH  
BIGGEN 5  
D-57439 ATTENDORN,  
GERMANY

Identification: Pipe shall be marked at intervals of not more than 5 ft. with the manufacturer's name or trademark, nominal size, for metric series pipe - the term "metric" and the dimension ratio or both the outside diameter and wall thickness, IPS series pipe shall include "Schedule 80" or "SCH 80", type of material (PP-R) and classification number (80 or 100), pressure rating and temperature for which pressure rating is valid, the designation "F2389", manufacturer's production code, and pipe intended for the transport of potable water shall bear the mark of the lab making such evaluation. Fittings shall be marked with the manufacturer's name or trademark, nominal size, dimension ratio or schedule for corresponding pipe and type of material (PP-R). The fitting or packaging shall be marked with "Metric" or "NPT" for threaded fittings, and the designation "F2389". All products shall bear the UMC certification mark.

Characteristics: Pressure rated polypropylene pipe and fittings manufactured in accordance with ASTM F2389. To be installed per the manufacturer's instructions.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

Uniform Mechanical Code (UMC®)

Products are in compliance with the following standard(s):

ASTM F2389-2015

MODELS:

NOTE: All Aquatherm Greenpipe models may show Fusiotherm as the product line name as this name becomes phased out of production.

### PIPE

<u>Model #</u>	<u>Description</u>	<u>Size</u>
0610006	Aquatherm Greenpipe SDR6	16x2.7mm
0610008	Aquatherm Greenpipe SDR6	20x3.4mm
0610010	Aquatherm Greenpipe SDR6	25x4.2mm
0610012	Aquatherm Greenpipe SDR6	32x5.4mm
0610014	Aquatherm Greenpipe SDR6	40x6.7mm

0610016	Aquatherm	Greenpipe	SDR6	50x8.3mm
0610018	Aquatherm	Greenpipe	SDR6	63x10.5mm
0610020	Aquatherm	Greenpipe	SDR6	75x12.5mm
0610022	Aquatherm	Greenpipe	SDR6	90x15.0mm
0610024	Aquatherm	Greenpipe	SDR6	110x18.3mm
0610106	Aquatherm	Greenpipe	SDR6	16x2.7mm - coil:100m
0610108	Aquatherm	Greenpipe	SDR6	20x3.4mm - coil:100m
0610110	Aquatherm	Greenpipe	SDR6	25x4.2mm - coil:100m
0610208	Aquatherm	Greenpipe	SDR11	20x1.9mm
0610210	Aquatherm	Greenpipe	SDR11	25x2.3mm
0610212	Aquatherm	Greenpipe	SDR11	32x2.9mm
0610214	Aquatherm	Greenpipe	SDR11	40x3.7mm
0610216	Aquatherm	Greenpipe	SDR11	50x4.6mm
0610218	Aquatherm	Greenpipe	SDR11	63x5.8mm
0610220	Aquatherm	Greenpipe	SDR11	75x6.8mm
0610222	Aquatherm	Greenpipe	SDR11	90x8.2mm
0610224	Aquatherm	Greenpipe	SDR11	110x10.0mm
0610226	Aquatherm	Greenpipe	SDR11	125x11.4mm
0610230	Aquatherm	Greenpipe	SDR11	160x14.6mm
0610234	Aquatherm	Greenpipe	SDR11	200x18.2mm
0610238	Aquatherm	Greenpipe	SDR11	250x22.7mm
0610308	Aquatherm	Greenpipe	SDR11	20x1.9mm - coil:100m
0610310	Aquatherm	Greenpipe	SDR11	25x2.3mm - coil:100m
0610312	Aquatherm	Greenpipe	SDR11	32x2.9mm - coil:100m
0610806	Aquatherm	Greenpipe	SDR7.4	16x2.2mm
0610808	Aquatherm	Greenpipe	SDR7.4	20x2.8mm
0610810	Aquatherm	Greenpipe	SDR7.4	25x3.5mm
0610812	Aquatherm	Greenpipe	SDR7.4	32x4.4mm
0610814	Aquatherm	Greenpipe	SDR7.4	40x5.5mm
0610816	Aquatherm	Greenpipe	SDR7.4	50x6.9mm
0610818	Aquatherm	Greenpipe	SDR7.4	63x8.6mm
0610820	Aquatherm	Greenpipe	SDR7.4	75x10.3mm
0610822	Aquatherm	Greenpipe	SDR7.4	90x12.3mm
0610824	Aquatherm	Greenpipe	SDR7.4	110x15.1mm
0610906	Aquatherm	Greenpipe	SDR7.4	16x2.2mm - coil:100m
0610908	Aquatherm	Greenpipe	SDR7.4	20x2.8mm - coil:100m
0670708	Aquatherm	Greenpipe	SDR7.4	20x2.8mm
0670710	Aquatherm	Greenpipe	SDR7.4	25x3.5mm
0670712	Aquatherm	Greenpipe	SDR7.4	32x4.4mm
0670714	Aquatherm	Greenpipe	SDR7.4	40x5.5mm
0670716	Aquatherm	Greenpipe	SDR7.4	50x6.9mm
0670718	Aquatherm	Greenpipe	SDR7.4	63x8.6mm
0670720	Aquatherm	Greenpipe	SDR7.4	75x10.3mm
0670722	Aquatherm	Greenpipe	SDR7.4	90x12.3mm
0670724	Aquatherm	Greenpipe	SDR7.4	110x15.1mm
0670726	Aquatherm	Greenpipe	SDR7.4	125x17.1mm
0670730	Aquatherm	Greenpipe	SDR7.4	160x21.9mm
0670734	Aquatherm	Greenpipe	SDR7.4	200x27.4mm
0670738	Aquatherm	Greenpipe	SDR7.4	250x34.2mm
0670758	Aquatherm	Greenpipe	SDR7.4	UV - 20x2.8mm
0670760	Aquatherm	Greenpipe	SDR7.4	UV - 25x3.5mm
0670762	Aquatherm	Greenpipe	SDR7.4	UV - 32x4.4mm
0670764	Aquatherm	Greenpipe	SDR7.4	UV - 40x5.5mm
0670766	Aquatherm	Greenpipe	SDR7.4	UV - 50x6.9mm
0670768	Aquatherm	Greenpipe	SDR7.4	UV - 63x8.6mm
0670770	Aquatherm	Greenpipe	SDR7.4	UV - 75x10.3mm
0670772	Aquatherm	Greenpipe	SDR7.4	UV - 90x12.3mm
0670774	Aquatherm	Greenpipe	SDR7.4	UV - 110x15.1mm
0670776	Aquatherm	Greenpipe	SDR7.4	UV - 125x17.1mm
2610208	climatherm	pipe	SDR11	20x1.9mm
2610210	climatherm	pipe	SDR11	25x2.3mm
2610212	climatherm	pipe	SDR11	32x2.9mm
2610214	climatherm	pipe	SDR11	40x3.7mm
2610216	climatherm	pipe	SDR11	50x4.6mm
2610218	climatherm	pipe	SDR11	63x5.8mm
2610220	climatherm	pipe	SDR11	75x6.8mm
2610222	climatherm	pipe	SDR11	90x8.2mm
2610224	climatherm	pipe	SDR11	110x10.0mm
2610226	climatherm	pipe	SDR11	125x11.4mm
2610230	climatherm	pipe	SDR11	160x14.6mm
2610308	climatherm	pipe	SDR11	20x1.9mm - coil:100m
2610310	climatherm	pipe	SDR11	25x2.3mm - coil:100m
2610312	climatherm	pipe	SDR11	32x2.9mm - coil:100m
2670112	climatherm	faser pipe	SDR11	- 32x2.9mm
2670114	climatherm	faser pipe	SDR11	- 40x3.7mm
2670116	climatherm	faser pipe	SDR11	- 50x4.6mm
2670118	climatherm	faser pipe	SDR11	- 63x5.8mm
2670120	climatherm	faser pipe	SDR11	- 75x6.8mm
2670122	climatherm	faser pipe	SDR11	- 90x8.2mm
2670124	climatherm	faser pipe	SDR11	- 110x10.0mm
2670126	climatherm	faser pipe	SDR11	- 125x11.4mm
2670130	climatherm	faser pipe	SDR11	- 160x14.6mm
2670134	climatherm	faser pipe	SDR11	- 200x18.2mm
2670138	climatherm	faser pipe	SDR11	- 250x22.7mm
2670708	climatherm	faser pipe	SDR7.4	- 20x2.8mm
2670710	climatherm	faser pipe	SDR7.4	- 25x3.5mm
9010808	Aquatherm	Lilac, 1/2"	SDR 7.4	- 20x2.8 mm

9010810	Aquatherm Lilac, 3/4"	SDR 7.4 - 25x3.5 mm
9010212	Aquatherm Lilac, 1" S	DR 11 - 32x4.4 mm
9010214	Aquatherm Lilac, 1-1/4"	SDR 11 - 40x3.7 mm
9010216	Aquatherm Lilac, 1-1/2"	SDR 11 - 50x4.6 mm
9010218	Aquatherm Lilac, 2"	SDR 11 - 63x5.8 mm
9010220	Aquatherm Lilac, 2-1/2"	SDR 11 - 75x6.8 mm
9010222	Aquatherm Lilac, 3"	SDR 11 - 90x8.2 mm
9010224	Aquatherm Lilac, 3-1/2"	SDR 11 - 110x10 mm
9010226	Aquatherm Lilac, 4"	SDR 11 - 125x11.4 mm
9010230	Aquatherm Lilac, 6"	SDR 11 - 160x14.6 mm
9010234	Aquatherm Lilac, 8"	SDR 11 - 200x18.2 mm
9010238	Aquatherm Lilac, 10"	SDR 11 - 250x22.7 mm

**FITTINGS**

<u>Model #</u>	<u>Description</u>	<u>Size</u>
0111006	Aquatherm Greenpipe coupling	16mm
0111008	Aquatherm Greenpipe coupling	20mm
0111010	Aquatherm Greenpipe coupling	25mm
0111012	Aquatherm Greenpipe coupling	32mm
0111014	Aquatherm Greenpipe coupling	40mm
0111016	Aquatherm Greenpipe coupling	50mm
0111018	Aquatherm Greenpipe coupling	63mm
0111020	Aquatherm Greenpipe coupling	75mm
0111022	Aquatherm Greenpipe coupling	90mm
0111024	Aquatherm Greenpipe coupling	110mm
0111026	Aquatherm Greenpipe coupling	125mm
0111109	Aquatherm Greenpipe reducer	20/16mm
0111110	Aquatherm Greenpipe reducer	25/16mm
0111112	Aquatherm Greenpipe reducer	25/20mm
0111114	Aquatherm Greenpipe reducer	32/20mm
0111116	Aquatherm Greenpipe reducer	32/25mm
0111118	Aquatherm Greenpipe reducer	40/20mm
0111120	Aquatherm Greenpipe reducer	40/25mm
0111122	Aquatherm Greenpipe reducer	40/32mm
0111124	Aquatherm Greenpipe reducer	50/20mm
0111126	Aquatherm Greenpipe reducer	50/25mm
0111128	Aquatherm Greenpipe reducer	50/32mm
0111130	Aquatherm Greenpipe reducer	50/40mm
0111131	Aquatherm Greenpipe reducer	63/20mm
0111132	Aquatherm Greenpipe reducer	63/25mm
0111134	Aquatherm Greenpipe reducer	63/32mm
0111136	Aquatherm Greenpipe reducer	63/40mm
0111138	Aquatherm Greenpipe reducer	63/50mm
0111139	Aquatherm Greenpipe reducer	75/40mm
0111140	Aquatherm Greenpipe reducer	75/50mm
0111142	Aquatherm Greenpipe reducer	75/63mm
0111143	Aquatherm Greenpipe reducer	75/25mm
0111145	Aquatherm Greenpipe reducer	75/32mm
0111151	Aquatherm Greenpipe reducer	90/50mm
0111152	Aquatherm Greenpipe reducer	90/63mm
0111153	Aquatherm Greenpipe reducer	90/75mm
0111155	Aquatherm Greenpipe reducer	110/63mm
0111157	Aquatherm Greenpipe reducer	110/75mm
0111159	Aquatherm Greenpipe reducer	110/90mm
0111161	Aquatherm Greenpipe reducer	125/75mm
0111163	Aquatherm Greenpipe reducer	125/90mm
0111165	Aquatherm Greenpipe reducer	125/110mm
0111176	Aquatherm Greenpipe reducer	SDR7.4 - 160/125mm
0111177	Aquatherm Greenpipe reducer	SDR11 - 160/125mm
0111184	Aquatherm Greenpipe reducer	SDR7.4 - 200/160mm
0111185	Aquatherm Greenpipe reducer	SDR11 - 200/160mm
0111190	Aquatherm Greenpipe reducer	SDR7.4 - 250/200mm
0111191	Aquatherm Greenpipe reducer	SDR11 - 250/200mm
0111238	Aquatherm Greenpipe reducing socket	63/50mm
0111242	Aquatherm Greenpipe reducing socket	75/63mm
0111253	Aquatherm Greenpipe reducing socket	90/75mm
0112106	Aquatherm Greenpipe elbow 90°	16mm
0112108	Aquatherm Greenpipe elbow 90°	20mm
0112110	Aquatherm Greenpipe elbow 90°	25mm
0112112	Aquatherm Greenpipe elbow 90°	32mm
0112114	Aquatherm Greenpipe elbow 90°	40mm
0112116	Aquatherm Greenpipe elbow 90°	50mm
0112118	Aquatherm Greenpipe elbow 90°	63mm
0112120	Aquatherm Greenpipe elbow 90°	75mm
0112122	Aquatherm Greenpipe elbow 90°	90mm
0112124	Aquatherm Greenpipe elbow 90°	110mm
0112126	Aquatherm Greenpipe elbow 90°	125mm
0112130	Aquatherm Greenpipe elbow 90°	SDR7.4 - 160mm
0112131	Aquatherm Greenpipe elbow 90°	SDR11 - 160mm
0112134	Aquatherm Greenpipe elbow 90°	SDR7.4 - 200mm
0112135	Aquatherm Greenpipe elbow 90°	SDR11 - 200mm
0112138	Aquatherm Greenpipe elbow 90°	SDR7.4 - 250mm
0112139	Aquatherm Greenpipe elbow 90°	SDR11 - 250mm
0112506	Aquatherm Greenpipe elbow 45°	16mm
0112508	Aquatherm Greenpipe elbow 45°	20mm
0112510	Aquatherm Greenpipe elbow 45°	25mm
0112512	Aquatherm Greenpipe elbow 45°	32mm

0112514	Aquatherm	Greenpipe	elbow	45	40mm
0112516	Aquatherm	Greenpipe	elbow	45	50mm
0112518	Aquatherm	Greenpipe	elbow	45	63mm
0112520	Aquatherm	Greenpipe	elbow	45	75mm
0112522	Aquatherm	Greenpipe	elbow	45	90mm
0112524	Aquatherm	Greenpipe	elbow	45	110mm
0112526	Aquatherm	Greenpipe	elbow	45	125mm
0112530	Aquatherm	Greenpipe	elbow	45	SDR7.4 - 160mm
0112531	Aquatherm	Greenpipe	elbow	45	SDR11 - 160mm
0112534	Aquatherm	Greenpipe	elbow	45	SDR7.4 - 200mm
0112535	Aquatherm	Greenpipe	elbow	45	SDR11 - 200mm
0112538	Aquatherm	Greenpipe	elbow	45	SDR7.4 - 250mm
0112539	Aquatherm	Greenpipe	elbow	45	SDR11 - 250mm
0112708	Aquatherm	Greenpipe	elbow	45	20mm internal/external
0112710	Aquatherm	Greenpipe	elbow	45	25mm internal/external
0112712	Aquatherm	Greenpipe	elbow	45	32mm internal/external
0112714	Aquatherm	Greenpipe	elbow	45	40mm internal/external
0113106	Aquatherm	Greenpipe	tee		16mm
0113108	Aquatherm	Greenpipe	tee		20mm
0113110	Aquatherm	Greenpipe	tee		25mm
0113112	Aquatherm	Greenpipe	tee		32mm
0113114	Aquatherm	Greenpipe	tee		40mm
0113116	Aquatherm	Greenpipe	tee		50mm
0113118	Aquatherm	Greenpipe	tee		63mm
0113120	Aquatherm	Greenpipe	tee		75mm
0113122	Aquatherm	Greenpipe	tee		90mm
0113124	Aquatherm	Greenpipe	tee		110mm
0113126	Aquatherm	Greenpipe	tee		125mm
0113130	Aquatherm	Greenpipe	tee		SDR7.4 - 160mm
0113131	Aquatherm	Greenpipe	tee		SDR11 - 160mm
0113134	Aquatherm	Greenpipe	tee		SDR7.4 - 200mm
0113135	Aquatherm	Greenpipe	tee		SDR11 - 200mm
0113138	Aquatherm	Greenpipe	tee		SDR7.4 - 250mm
0113139	Aquatherm	Greenpipe	tee		SDR11 - 250mm
0113506	Aquatherm	Greenpipe	reducing tee		20x16x16mm
0113508	Aquatherm	Greenpipe	reducing tee		20x16x20mm
0113510	Aquatherm	Greenpipe	reducing tee		20x20x16mm
0113511	Aquatherm	Greenpipe	reducing tee		20x25x20mm
0113512	Aquatherm	Greenpipe	reducing tee		25x16x16mm
0113514	Aquatherm	Greenpipe	reducing tee		25x16x20mm
0113516	Aquatherm	Greenpipe	reducing tee		25x16x25mm
0113520	Aquatherm	Greenpipe	reducing tee		25x20x20mm
0113522	Aquatherm	Greenpipe	reducing tee		25x20x25mm
0113528	Aquatherm	Greenpipe	reducing tee		32x16x32mm
0113532	Aquatherm	Greenpipe	reducing tee		32x20x20mm
0113534	Aquatherm	Greenpipe	reducing tee		32x20x32mm
0113540	Aquatherm	Greenpipe	reducing tee		32x25x32mm
0113542	Aquatherm	Greenpipe	reducing tee		40x20x40mm
0113544	Aquatherm	Greenpipe	reducing tee		40x25x40mm
0113546	Aquatherm	Greenpipe	reducing tee		40x32x40mm
0113547	Aquatherm	Greenpipe	reducing tee		50x20x50mm
0113548	Aquatherm	Greenpipe	reducing tee		50x25x50mm
0113550	Aquatherm	Greenpipe	reducing tee		50x32x50mm
0113551	Aquatherm	Greenpipe	reducing tee		50x40x50mm
0113552	Aquatherm	Greenpipe	reducing tee		63x20x63mm
0113554	Aquatherm	Greenpipe	reducing tee		63x25x63mm
0113556	Aquatherm	Greenpipe	reducing tee		63x32x63mm
0113558	Aquatherm	Greenpipe	reducing tee		63x40x63mm
0113560	Aquatherm	Greenpipe	reducing tee		63x50x63mm
0113561	Aquatherm	Greenpipe	reducing tee		75x20x75mm
0113562	Aquatherm	Greenpipe	reducing tee		75x25x75mm
0113564	Aquatherm	Greenpipe	reducing tee		75x32x75mm
0113566	Aquatherm	Greenpipe	reducing tee		75x40x75mm
0113568	Aquatherm	Greenpipe	reducing tee		75x50x75mm
0113570	Aquatherm	Greenpipe	reducing tee		75x63x75mm
0113576	Aquatherm	Greenpipe	reducing tee		90x32x90mm
0113578	Aquatherm	Greenpipe	reducing tee		90x40x90mm
0113580	Aquatherm	Greenpipe	reducing tee		90x50x90mm
0113582	Aquatherm	Greenpipe	reducing tee		90x63x90mm
0113584	Aquatherm	Greenpipe	reducing tee		90x75x90mm
0113586	Aquatherm	Greenpipe	reducing tee		110x63x110mm
0113588	Aquatherm	Greenpipe	reducing tee		110x75x110mm
0113590	Aquatherm	Greenpipe	reducing tee		110x90x110mm
0113592	Aquatherm	Greenpipe	reducing tee		125x75x125mm
0113594	Aquatherm	Greenpipe	reducing tee		125x90x125mm
0113596	Aquatherm	Greenpipe	reducing tee		125x110x125mm
0113600	Aquatherm	Greenpipe	reducing tee		SDR7.4 - 160x75x160mm
0113601	Aquatherm	Greenpipe	reducing tee		SDR11 - 160x75x160mm
0113602	Aquatherm	Greenpipe	reducing tee		SDR7.4 - 160x90x160mm
0113603	Aquatherm	Greenpipe	reducing tee		SDR11 - 160x90x160mm
0113608	Aquatherm	Greenpipe	reducing tee		SDR7.4 - 200x75x200mm
0113609	Aquatherm	Greenpipe	reducing tee		SDR11 - 200x75x200mm
0113610	Aquatherm	Greenpipe	reducing tee		SDR7.4 - 200x90x200mm
0113611	Aquatherm	Greenpipe	reducing tee		SDR11 - 200x90x200mm
0113612	Aquatherm	Greenpipe	reducing tee		SDR7.4 - 200x110x200mm
0113613	Aquatherm	Greenpipe	reducing tee		SDR11 - 200x110x200mm
0113614	Aquatherm	Greenpipe	reducing tee		SDR7.4 - 200x125x200mm

0113615	Aquatherm	Greenpipe	reducing tee	SDR11 - 200x125x200mm
0113624	Aquatherm	Greenpipe	reducing tee	SDR7.4 - 250x75x250mm
0113625	Aquatherm	Greenpipe	reducing tee	SDR11 - 250x75x250mm
0113626	Aquatherm	Greenpipe	reducing tee	SDR7.4 - 250x90x250mm
0113627	Aquatherm	Greenpipe	reducing tee	SDR11 - 250x90x250mm
0113628	Aquatherm	Greenpipe	reducing tee	SDR7.4 - 250x110x250mm
0113629	Aquatherm	Greenpipe	reducing tee	SDR11 - 250x110x250mm
0113630	Aquatherm	Greenpipe	reducing tee	SDR7.4 - 250x125x250mm
0113631	Aquatherm	Greenpipe	reducing tee	SDR11 - 250x125x250mm
0113708	Aquatherm	Greenpipe	cross	20mm
0113710	Aquatherm	Greenpipe	cross	25mm
0113712	Aquatherm	Greenpipe	cross	32mm
0113714	Aquatherm	Greenpipe	cross	40mm
0114106	Aquatherm	Greenpipe	end cap	16mm
0114108	Aquatherm	Greenpipe	end cap	20mm
0114110	Aquatherm	Greenpipe	end cap	25mm
0114112	Aquatherm	Greenpipe	end cap	32mm
0114114	Aquatherm	Greenpipe	end cap	40mm
0114116	Aquatherm	Greenpipe	end cap	50mm
0114118	Aquatherm	Greenpipe	end cap	63mm
0114120	Aquatherm	Greenpipe	end cap	75mm
0114122	Aquatherm	Greenpipe	end cap	90mm
0114124	Aquatherm	Greenpipe	end cap	110mm
0114126	Aquatherm	Greenpipe	end cap	125mm
0114130	Aquatherm	Greenpipe	end cap	SDR7.4 - 160mm
0114131	Aquatherm	Greenpipe	end cap	SDR11 - 160mm
0114134	Aquatherm	Greenpipe	end cap	SDR7.4 - 200mm
0114135	Aquatherm	Greenpipe	end cap	SDR11 - 200mm
0114138	Aquatherm	Greenpipe	end cap	SDR7.4 - 250mm
0114139	Aquatherm	Greenpipe	end cap	SDR11 - 250mm
0115156	Aquatherm	Greenpipe	fusion outlet	40/20mm
0115158	Aquatherm	Greenpipe	fusion outlet	40/25mm
0115160	Aquatherm	Greenpipe	fusion outlet	50/20mm
0115162	Aquatherm	Greenpipe	fusion outlet	50/25mm
0115164	Aquatherm	Greenpipe	fusion outlet	63/20mm
0115166	Aquatherm	Greenpipe	fusion outlet	63/25mm
0115168	Aquatherm	Greenpipe	fusion outlet	63/32mm
0115170	Aquatherm	Greenpipe	fusion outlet	75/20mm
0115172	Aquatherm	Greenpipe	fusion outlet	75/25mm
0115174	Aquatherm	Greenpipe	fusion outlet	75/32mm
0115175	Aquatherm	Greenpipe	fusion outlet	75/40mm
0115176	Aquatherm	Greenpipe	fusion outlet	90/20mm
0115178	Aquatherm	Greenpipe	fusion outlet	90/25mm
0115180	Aquatherm	Greenpipe	fusion outlet	90/32mm
0115181	Aquatherm	Greenpipe	fusion outlet	90/40mm
0115182	Aquatherm	Greenpipe	fusion outlet	110/20mm
0115184	Aquatherm	Greenpipe	fusion outlet	110/25mm
0115186	Aquatherm	Greenpipe	fusion outlet	110/32mm
0115188	Aquatherm	Greenpipe	fusion outlet	110/40mm
0115189	Aquatherm	Greenpipe	fusion outlet	110/50mm
0115190	Aquatherm	Greenpipe	fusion outlet	125/20mm
0115192	Aquatherm	Greenpipe	fusion outlet	125/25mm
0115194	Aquatherm	Greenpipe	fusion outlet	125/32mm
0115196	Aquatherm	Greenpipe	fusion outlet	125/40mm
0115197	Aquatherm	Greenpipe	fusion outlet	125/50mm
0115198	Aquatherm	Greenpipe	fusion outlet	125/63mm
0115206	Aquatherm	Greenpipe	fusion outlet	160/20mm
0115208	Aquatherm	Greenpipe	fusion outlet	160/25mm
0115210	Aquatherm	Greenpipe	fusion outlet	160/32mm
0115212	Aquatherm	Greenpipe	fusion outlet	160/40mm
0115214	Aquatherm	Greenpipe	fusion outlet	160/50mm
0115216	Aquatherm	Greenpipe	fusion outlet	160/63mm
0115228	Aquatherm	Greenpipe	fusion outlet	200-250/20mm
0115229	Aquatherm	Greenpipe	fusion outlet	200-250/25mm
0115230	Aquatherm	Greenpipe	fusion outlet	200-250/32mm
0115231	Aquatherm	Greenpipe	fusion outlet	200/40mm
0115232	Aquatherm	Greenpipe	fusion outlet	200/50mm
0115233	Aquatherm	Greenpipe	fusion outlet	200/63mm
0115251	Aquatherm	Greenpipe	fusion outlet	250/40mm
0115252	Aquatherm	Greenpipe	fusion outlet	250/50mm
0115253	Aquatherm	Greenpipe	fusion outlet	250/63mm
0115512	Aquatherm	Greenpipe	flange adapter	32mm
0115514	Aquatherm	Greenpipe	flange adapter	40mm
0115516	Aquatherm	Greenpipe	flange adapter	50mm
0115518	Aquatherm	Greenpipe	flange adapter	63mm
0115520	Aquatherm	Greenpipe	flange adapter	75mm
0115522	Aquatherm	Greenpipe	flange adapter	90mm
0115524	Aquatherm	Greenpipe	flange adapter	110mm
0115527	Aquatherm	Greenpipe	flange adapter	125mm
0115530	Aquatherm	Greenpipe	flange adapter	SDR7.4 - 160mm
0115531	Aquatherm	Greenpipe	flange adapter	SDR11 - 160mm
0115534	Aquatherm	Greenpipe	flange adapter	SDR7.4 - 200mm
0115535	Aquatherm	Greenpipe	flange adapter	SDR11 - 200mm
0115538	Aquatherm	Greenpipe	flange adapter	SDR7.4 - 250mm
0115539	Aquatherm	Greenpipe	flange adapter	SDR11 - 250mm
0115812	Aquatherm	Greenpipe	union	joint - brass - 32mm
0115814	Aquatherm	Greenpipe	union	joint - brass - 40mm
0115816	Aquatherm	Greenpipe	union	joint - brass - 50mm

0115818	Aquatherm	Greenpipe	union	joint - brass - 63mm
0115820	Aquatherm	Greenpipe	union	joint - brass - 75mm
0115838	Aquatherm	Greenpipe	union	joint - PP - 20mm
0115840	Aquatherm	Greenpipe	union	joint - PP - 25mm
0115842	Aquatherm	Greenpipe	union	joint - PP - 32mm
0115844	Aquatherm	Greenpipe	union	joint - PP - 40mm
0115846	Aquatherm	Greenpipe	union	joint - PP - 50mm
0115848	Aquatherm	Greenpipe	union	joint - PP - 63mm
0120106	Aquatherm	Greenpipe	back plate elbow	16mm x 1/2"f
0120108	Aquatherm	Greenpipe	back plate elbow	20mm x 1/2"f
0120110	Aquatherm	Greenpipe	back plate elbow	20mm x 3/4"f
0120112	Aquatherm	Greenpipe	back plate elbow	25mm x 3/4"f
0120113	Aquatherm	Greenpipe	back plate elbow	25mm x 1/2"f
0121006	Aquatherm	Greenpipe	female adapter	round - 16mm x 1/2"f
0121008	Aquatherm	Greenpipe	female adapter	round - 20mm x 1/2"f
0121010	Aquatherm	Greenpipe	female adapter	round - 20mm x 3/4"f
0121011	Aquatherm	Greenpipe	female adapter	round - 25mm x 1/2"f
0121012	Aquatherm	Greenpipe	female adapter	round - 25mm x 3/4"f
0121013	Aquatherm	Greenpipe	female adapter	round - 32mm x 3/4"f
0121106	Aquatherm	Greenpipe	female adapter - hex	hexagon - 16mm x 1/2"f
0121108	Aquatherm	Greenpipe	female adapter - hex	hexagon - 20mm x 1/2"f
0121110	Aquatherm	Greenpipe	female adapter - hex	hexagon - 20mm x 3/4"f
0121111	Aquatherm	Greenpipe	female adapter - hex	hexagon - 25mm x 1/2"f
0121112	Aquatherm	Greenpipe	female adapter - hex	hexagon - 25mm x 3/4"f
0121113	Aquatherm	Greenpipe	female adapter - hex	hexagon - 32mm x 3/4"f
0121114	Aquatherm	Greenpipe	female adapter - hex	hexagon - 32mm x 1"f
0121115	Aquatherm	Greenpipe	female adapter - hex	hexagon - 40mm x 1"f
0121116	Aquatherm	Greenpipe	female adapter - hex	hexagon - 40mm x 1 1/4"f
0121117	Aquatherm	Greenpipe	female adapter - hex	hexagon - 50mm x 1 1/4"f
0121118	Aquatherm	Greenpipe	female adapter - hex	hexagon - 50mm x 1 1/2"f
0121119	Aquatherm	Greenpipe	female adapter - hex	hexagon - 63mm x 1 1/2"f
0121120	Aquatherm	Greenpipe	female adapter - hex	hexagon - 63mm x 2"f
0121122	Aquatherm	Greenpipe	female adapter - hex	hexagon - 75mm x 2"f
0121206	Aquatherm	Greenpipe	male adapter	round - 16mm x 1/2"m
0121208	Aquatherm	Greenpipe	male adapter	round - 20mm x 1/2"m
0121210	Aquatherm	Greenpipe	male adapter	round - 20mm x 3/4"m
0121211	Aquatherm	Greenpipe	male adapter	round - 25mm x 1/2"m
0121212	Aquatherm	Greenpipe	male adapter	round - 25mm x 3/4"m
0121213	Aquatherm	Greenpipe	male adapter	round - 32mm x 3/4"m
0121306	Aquatherm	Greenpipe	male adapter - hex	hexagon - 16mm x 1/2"m
0121308	Aquatherm	Greenpipe	male adapter - hex	hexagon - 20mm x 1/2"m
0121310	Aquatherm	Greenpipe	male adapter - hex	hexagon - 20mm x 3/4"m
0121312	Aquatherm	Greenpipe	male adapter - hex	hexagon - 25mm x 3/4"m
0121314	Aquatherm	Greenpipe	male adapter - hex	hexagon - 32mm x 1"m
0121316	Aquatherm	Greenpipe	male adapter - hex	hexagon - 32mm x 1 1/4"m
0121317	Aquatherm	Greenpipe	male adapter - hex	hexagon - 40mm x 1"m
0121318	Aquatherm	Greenpipe	male adapter - hex	hexagon - 40mm x 1 1/4"m
0121319	Aquatherm	Greenpipe	male adapter - hex	hexagon - 50mm x 1 1/4"m
0121320	Aquatherm	Greenpipe	male adapter - hex	hexagon - 50mm x 1 1/2"m
0121321	Aquatherm	Greenpipe	male adapter - hex	hexagon - 63mm x 1 1/2"m
0121322	Aquatherm	Greenpipe	male adapter - hex	hexagon - 63mm x 2"m
0121323	Aquatherm	Greenpipe	male adapter - hex	hexagon - 75mm x 2"m
0121324	Aquatherm	Greenpipe	male adapter - hex	hexagon - 75mm x 2 1/2"m
0121325	Aquatherm	Greenpipe	male adapter - hex	hexagon - 90mm x 3"m
0121327	Aquatherm	Greenpipe	male adapter - hex	hexagon - 110mm x 4"m
0123006	Aquatherm	Greenpipe	transition elbow	16mm x 1/2"f
0123008	Aquatherm	Greenpipe	transition elbow	20mm x 3/4"f
0123010	Aquatherm	Greenpipe	transition elbow	20mm x 1/2"f
0123012	Aquatherm	Greenpipe	transition elbow	25mm x 3/4"f
0123014	Aquatherm	Greenpipe	transition elbow	25mm x 1/2"f
0123016	Aquatherm	Greenpipe	transition elbow	32mm x 3/4"f
0123018	Aquatherm	Greenpipe	transition elbow	32mm x 1"f
0123208	Aquatherm	Greenpipe	transition elbow	20mm external x 1/2"f
0123504	Aquatherm	Greenpipe	transition elbow	16mm x 1/2"m
0123506	Aquatherm	Greenpipe	transition elbow	20mm x 1/2"m
0123508	Aquatherm	Greenpipe	transition elbow	20mm x 3/4"m
0123510	Aquatherm	Greenpipe	transition elbow	25mm x 3/4"m
0123512	Aquatherm	Greenpipe	transition elbow	32mm x 3/4"m
0123514	Aquatherm	Greenpipe	transition elbow	32mm x 1"m
0125004	Aquatherm	Greenpipe	transition tee	16 x 1/2"f x 16mm
0125006	Aquatherm	Greenpipe	transition tee	20 x 1/2"f x 20mm
0125008	Aquatherm	Greenpipe	transition tee	20 x 3/4"f x 20mm
0125010	Aquatherm	Greenpipe	transition tee	25 x 1/2"f x 25mm
0125012	Aquatherm	Greenpipe	transition tee	25 x 3/4"f x 25mm
0125014	Aquatherm	Greenpipe	transition tee	32 x 3/4"f x 32mm
0125016	Aquatherm	Greenpipe	transition tee	32 x 1"f x 32mm
0125022	Aquatherm	Greenpipe	transition tee	50 x 1"f x 50mm
0125506	Aquatherm	Greenpipe	transition tee	20 x 1/2"m x 20mm
0126608	Aquatherm	Greenpipe	transition joint	20mm x 1/2"m
0126610	Aquatherm	Greenpipe	transition joint	25mm x 3/4"m
0126612	Aquatherm	Greenpipe	transition joint	32mm x 1"m
0126614	Aquatherm	Greenpipe	transition joint	40mm x 1 1/4"m
0126616	Aquatherm	Greenpipe	transition joint	50mm x 1 1/2"m
0126618	Aquatherm	Greenpipe	transition joint	63mm x 2"m
0126638	Aquatherm	Greenpipe	transition joint	20mm x 1/2"f
0126640	Aquatherm	Greenpipe	transition joint	25mm x 3/4"f
0126642	Aquatherm	Greenpipe	transition joint	32mm x 1"f
0126644	Aquatherm	Greenpipe	transition joint	40mm x 1 1/4"f

0126646	Aquatherm	Greenpipe	transition joint	50mm x 1 1/2"f
0126648	Aquatherm	Greenpipe	transition joint	63mm x 2"f
0128214	Aquatherm	Greenpipe	weld-in saddle	hexagon - 40/25mm x 1/2"f
0128216	Aquatherm	Greenpipe	weld-in saddle	hexagon - 50/25mm x 1/2"f
0128218	Aquatherm	Greenpipe	weld-in saddle	hexagon - 63/25mm x 1/2"f
0128220	Aquatherm	Greenpipe	weld-in saddle	hexagon - 75/25mm x 1/2"f
0128222	Aquatherm	Greenpipe	weld-in saddle	hexagon - 90/25mm x 1/2"f
0128224	Aquatherm	Greenpipe	weld-in saddle	hexagon - 110/25mm x 1/2"f
0128226	Aquatherm	Greenpipe	weld-in saddle	hexagon - 125/25mm x 1/2"f
0128230	Aquatherm	Greenpipe	weld-in saddle	hexagon - 160/25mm x 1/2"f
0128232	Aquatherm	Greenpipe	weld-in saddle	hex. - 200-250/25mm x 1/2"f
0128234	Aquatherm	Greenpipe	weld-in saddle	hexagon - 40/25mm x 3/4"f
0128236	Aquatherm	Greenpipe	weld-in saddle	hexagon - 50/25mm x 3/4"f
0128238	Aquatherm	Greenpipe	weld-in saddle	hexagon - 63/25mm x 3/4"f
0128240	Aquatherm	Greenpipe	weld-in saddle	hexagon - 75/25mm x 3/4"f
0128242	Aquatherm	Greenpipe	weld-in saddle	hexagon - 90/25mm x 3/4"f
0128244	Aquatherm	Greenpipe	weld-in saddle	hexagon - 110/25mm x 3/4"f
0128246	Aquatherm	Greenpipe	weld-in saddle	hexagon - 125/25mm x 3/4"f
0128250	Aquatherm	Greenpipe	weld-in saddle	hexagon - 160/25mm x 3/4"f
0128254	Aquatherm	Greenpipe	weld-in saddle	hex. - 200-250/25mm x 3/4"f
0128260	Aquatherm	Greenpipe	weld-in saddle	hexagon - 75/32mm x 1"f
0128262	Aquatherm	Greenpipe	weld-in saddle	hexagon - 90/32mm x 1"f
0128264	Aquatherm	Greenpipe	weld-in saddle	hexagon - 110/32mm x 1"f
0128266	Aquatherm	Greenpipe	weld-in saddle	hexagon - 125/32mm x 1"f
0128270	Aquatherm	Greenpipe	weld-in saddle	hexagon - 160/32mm x 1"f
0128274	Aquatherm	Greenpipe	weld-in saddle	hexagon - 200-250/32mm x 1"f
0128314	Aquatherm	Greenpipe	weld-in saddle	40/25 mm x 1/2" m
0128316	Aquatherm	Greenpipe	weld-in saddle	50/25 mm x 1/2" m
0128318	Aquatherm	Greenpipe	weld-in saddle	63/25 mm x 1/2" m
0128320	Aquatherm	Greenpipe	weld-in saddle	75/25 mm x 1/2" m
0128322	Aquatherm	Greenpipe	weld-in saddle	90/25 mm x 1/2" m
0128324	Aquatherm	Greenpipe	weld-in saddle	110/25 mm x 1/2" m
0128326	Aquatherm	Greenpipe	weld-in saddle	125/25 mm x 1/2" m
0128330	Aquatherm	Greenpipe	weld-in saddle	160/25 mm x 1/2" m
0141388	Aquatherm	Greenpipe	PP-ball valve	fusion connection - 20mm
0141390	Aquatherm	Greenpipe	PP-ball valve	fusion connection - 25mm
0141392	Aquatherm	Greenpipe	PP-ball valve	fusion connection - 32mm
0141394	Aquatherm	Greenpipe	PP-ball valve	fusion connection - 40mm
0141396	Aquatherm	Greenpipe	PP-ball valve	fusion connection - 50mm
0141398	Aquatherm	Greenpipe	PP-ball valve	fusion connection - 63mm
0141400	Aquatherm	Greenpipe	PP-ball valve	flange connection - 75mm
0141402	Aquatherm	Greenpipe	PP-ball valve	flange connection - 90mm
0141404	Aquatherm	Greenpipe	PP-ball valve	flange connection - 110mm
0141406	Aquatherm	Greenpipe	PP-ball valve	flange connection - 125mm

This information was valid on 1/30/2019.