

Edition No. 3 2017 | 2nd May 2017

# TECHNEWS

technews@aquatherm.de



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state of the pipe

## **NEW: SHUT-OFF AND CHECK VALVES**

### **INCL. 2 FLANGE ADAPTERS/FLANGE/CONNECTING SCREWS/NUTS AS SET**

We are continuously expanding also our range of fittings to prepare you optimally for the ever-growing fields of application of the aquatherm pipe systems.

As of now, we offer you sets of shut-off and check valves for the use of our blue pipes for applications, such as heating, production, cooling and refrigerating plants.

Body of shut-off valve: ductile cast iron (GGG 40)

Flap: AISI 316

Sealing element: EPDM

The bodies of shut-off and check valves are lacquered in blue colour.

Please see the following table for article numbers.

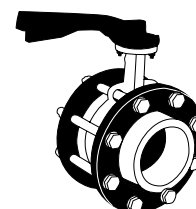
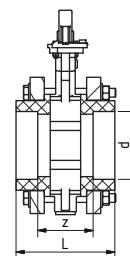


**NEW aquatherm blue pipe SHUT-OFF VALVE WITH LEVER**

Set consists of: 2 x flange adapter, 2 x flanges, fixing screws

**Systems:** aquatherm blue pipe

**Material:** Fusiolen® PP-R, Steel



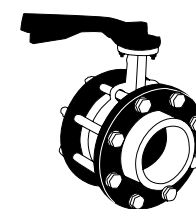
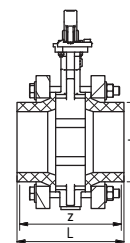
SDR	Art.-No.	d	z	L	Weight [kg]	System	PU
socket welding							
6	2041820	75	78	138	6,600	•	1
7,4							
9	2041822	90	80	146	9,000	•	1
11	2041824	110	89	163	10,400	•	1
17,6							
	2041826	125	104	184	15,000	•	1

**NEW aquatherm blue pipe SHUT-OFF VALVE WITH LEVER**

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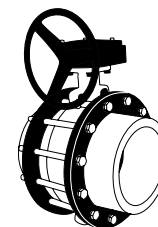
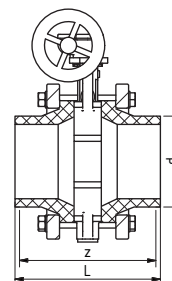
SDR	Art.-No.	d	z	L	Weight [kg]	System	PU
Butt welding							
11	2041830	160	227	242	22,000	•	1
17,6	2541830	160	227	242	21,700	•	1

**NEW aquatherm blue pipe SHUT-OFF VALVE WITH DRIVE**

Set consists of: 2 x flange adapter, 2 x flanges, fixing screws

**Systems:** aquatherm blue pipe

**Material:** Fusiolen® PP-R, Steel



SDR	Art.-No.	d	z	L	Weight [kg]	System	PU
11	2041834	200	305	320	41,400	•	1
	2041838	250	313	328	59,200	•	1
	2041842	315	398	418	81,800	•	1
17,6	2541834	200	305	320	40,900	•	1
	2541838	250	313	328	58,400	•	1
	2541842	315	398	418	78,600	•	1

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## AQUATHERM INAUGURATED A NEW SITE IN THE USA

On 4th April 2017, aquatherm inaugurated with a great opening ceremony and open house its new US American branch of more than 7,600 m<sup>2</sup> in Lindon, Utah. Dirk, Maik and Christof Rosenberg travelled together with the company's founder Gerhard Rosenberg to Lindon to celebrate this happy event. The Vice-Governor of Utah, Spencer J. Cox, and the Mayor of Lindon, Jeff Acerson, were among the guests of honor. More than 75 invited guests, among them numerous local and national aquatherm customers and partners as well as employees of the site, attended the opening ceremony.

In his speech, Vice-Governor Cox was pleased about aquatherm's strong growth throughout the world and above all in the USA, emphasizing the special importance of the branch in Utah for the future development of the company. As a symbol for the close partnership between the company headquarters in Attendorn and the branch in Lindon, two aquatherm plastic pipes, one showing the German flag, the other one the American and Canadian flag, were ceremonially welded together forever.

„The new building with its large-scale storage area and the comprehensive service that can now be offered by aquatherm even more extensively are a clear proof of our commitment for our customers and partners. This building also emphasizes our demand to remain the market leader of PP-R pipe systems“, explained the managing director Dirk Rosenberg in his speech.



„We have a passionate team we have great confidence in as well as in its skills. We are confident of growing even stronger than before in the North American market together with our staff and the support of our aquatherm partners“. Dirk Rosenberg distinguished the reliability of the employees who optimally prepare the company for the future with their responsible and trend-setting activities.





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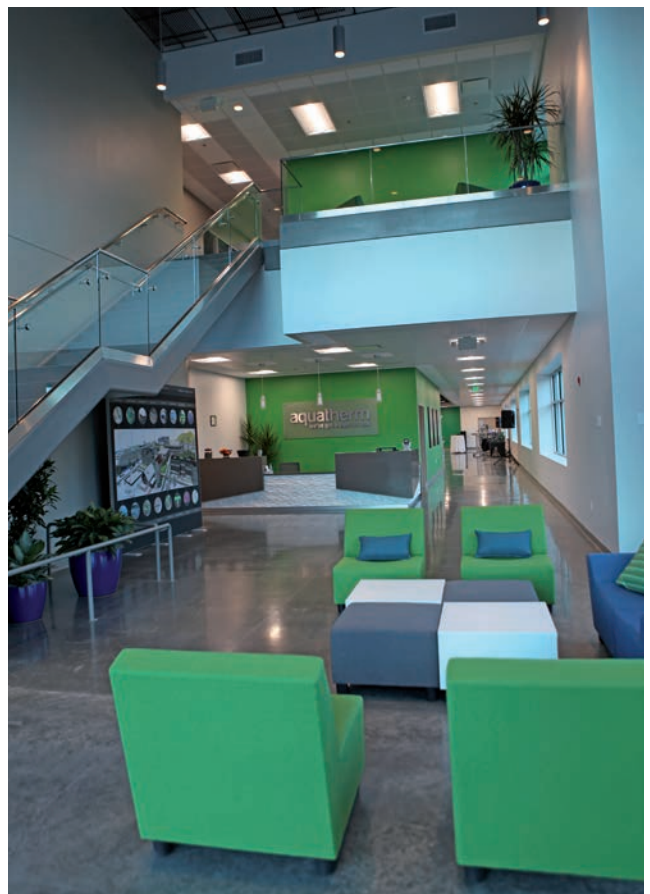
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During the open house the planning and prefabrication teams of the company showed the visitors the welding of large-diameter pipes in various live presentations, as well as the planning and fabrication of pipe manifolds and special building components.



The new site offers sufficient space including offices for corporate staff, engineering, and quality-assurance laboratories; extensive warehouse space; and a state-of-the-art design and fabrication facility. The warehouse gives the customers access to all pipe systems from 20-630 mm diameter.



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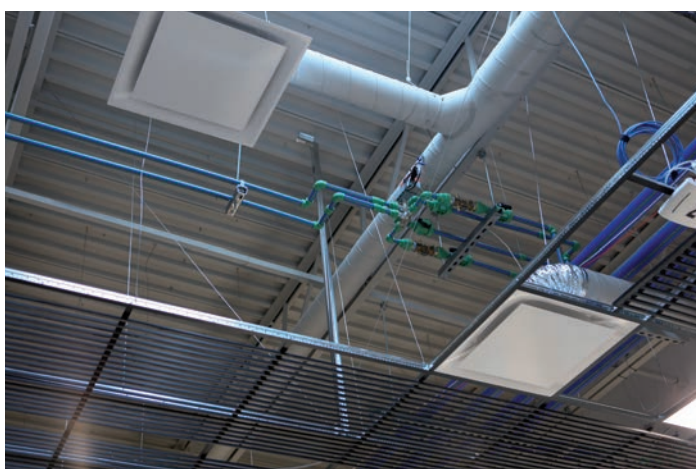
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The new premises were designed and built according to high environmental standards, also applying the own product systems aquatherm green pipe, blue pipe, lilac pipe and red pipe as well as the aquatherm black system.



Since 2006, aquatherm has been active in the North American market. The company started with a distribution partner in Canada and opened up a US sales office in Salt Lake City, Utah, shortly afterwards. Since 1st December 2015, both the Canadian and the American sales company have been wholly owned by the aquatherm company group. At the same time, the decision was made on 1st December 2015 for the new building at the Lindon site, to ensure a better availability of the products, to keep expanding the field of prefabrication and to offer best possible training possibilities to the aquatherm partners – architects, planners and installers.

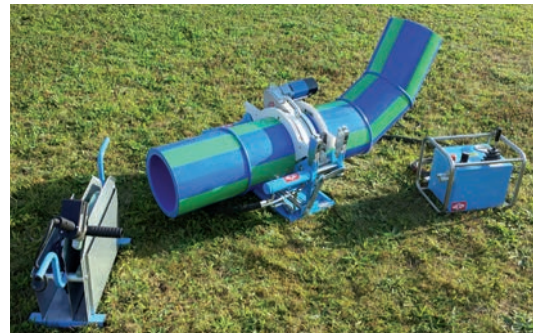


## PROCESSING INSTRUCTION FOR REDUCING TEES IN BUTT WELDING PROCESS

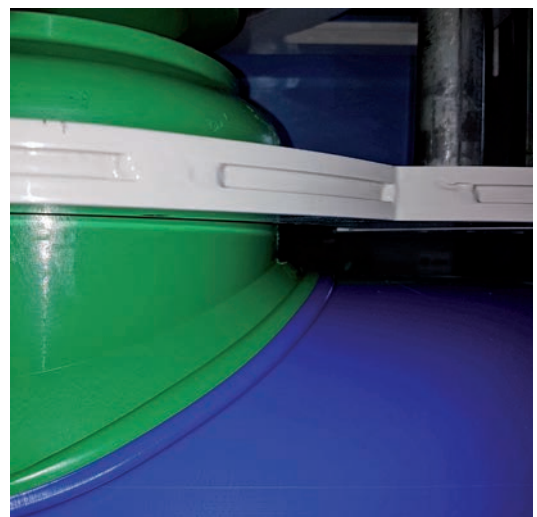
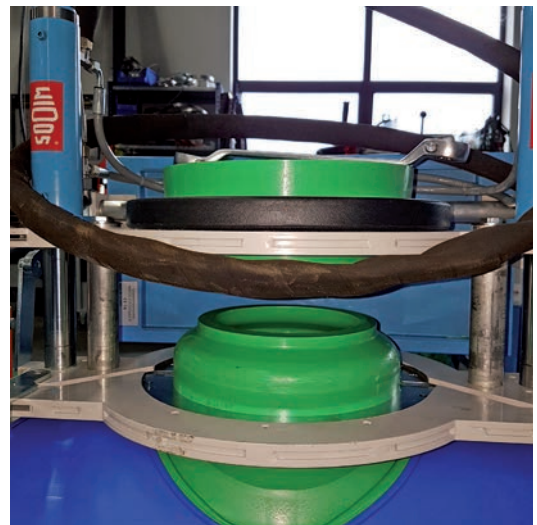
We would like to inform you about a processing instruction for reducing tees in the butt welding process, in case of which the fitting consists of a pipe with weld-in saddle.

Due to the short contact area of the branches we recommend using the Widos two-ring machine (article number 50350 and 50351), already introduced by us in our Tech News, edition no. 5-2015 / 30th March 2015.

The fittings specified in the table can be processed without any problems because of the machine's small clamping jaws.



Examples of processing



Art.-No.	Article description	
13678	aquatherm green pipe SDR 11	Red.-T-piece 400x160x400 mm
13680	aquatherm green pipe SDR 11	Red.-T-piece 400x200x400 mm
13682	aquatherm green pipe SDR 11	Red.-T-piece 400x250x400 mm
13692	aquatherm green pipe SDR 11	Red.-T-piece 450x160x450 mm
13694	aquatherm green pipe SDR 11	Red.-T-piece 450x200x450 mm
13696	aquatherm green pipe SDR 11	Red.-T-piece 450x250x450 mm
2013678	aquatherm blue pipe SDR 11	Red.-T-piece 400x160x400 mm
2013680	aquatherm blue pipe SDR 11	Red.-T-piece 400x200x400 mm
2013682	aquatherm blue pipe SDR 11	Red.-T-piece 400x250x400 mm
2013692	aquatherm blue pipe SDR 11	Red.-T-piece 450x160x450 mm
2013694	aquatherm blue pipe SDR 11	Red.-T-piece 450x200x450 mm
2013696	aquatherm blue pipe SDR 11	Red.-T-piece 450x250x450 mm
2513678	aquatherm blue pipe SDR 17,6	Red.-T-piece 400x160x400 mm
2513680	aquatherm blue pipe SDR 17,6	Red.-T-piece 400x200x400 mm
2513682	aquatherm blue pipe SDR 17,6	Red.-T-piece 400x250x400 mm
2513692	aquatherm blue pipe SDR 17,6	Red.-T-piece 450x160x450 mm
2513694	aquatherm blue pipe SDR 17,6	Red.-T-piece 450x200x450 mm
2513696	aquatherm blue pipe SDR 17,6	Red.-T-piece 450x250x450 mm
2513806	aquatherm blue pipe SDR 17,6	Red.-T-piece 500x160x500 mm
2513808	aquatherm blue pipe SDR 17,6	Red.-T-piece 500x200x500 mm
2513810	aquatherm blue pipe SDR 17,6	Red.-T-piece 500x250x500 mm
2513823	aquatherm blue pipe SDR 17,6	Red.-T-piece 560x160x560 mm
2513825	aquatherm blue pipe SDR 17,6	Red.-T-piece 560x200x560 mm
2513827	aquatherm blue pipe SDR 17,6	Red.-T-piece 560x250x560 mm
2513841	aquatherm blue pipe SDR 17,6	Red.-T-piece 630x160x630 mm
2513843	aquatherm blue pipe SDR 17,6	Red.-T-piece 630x200x630 mm
2513845	aquatherm blue pipe SDR 17,6	Red.-T-piece 630x250x630 mm

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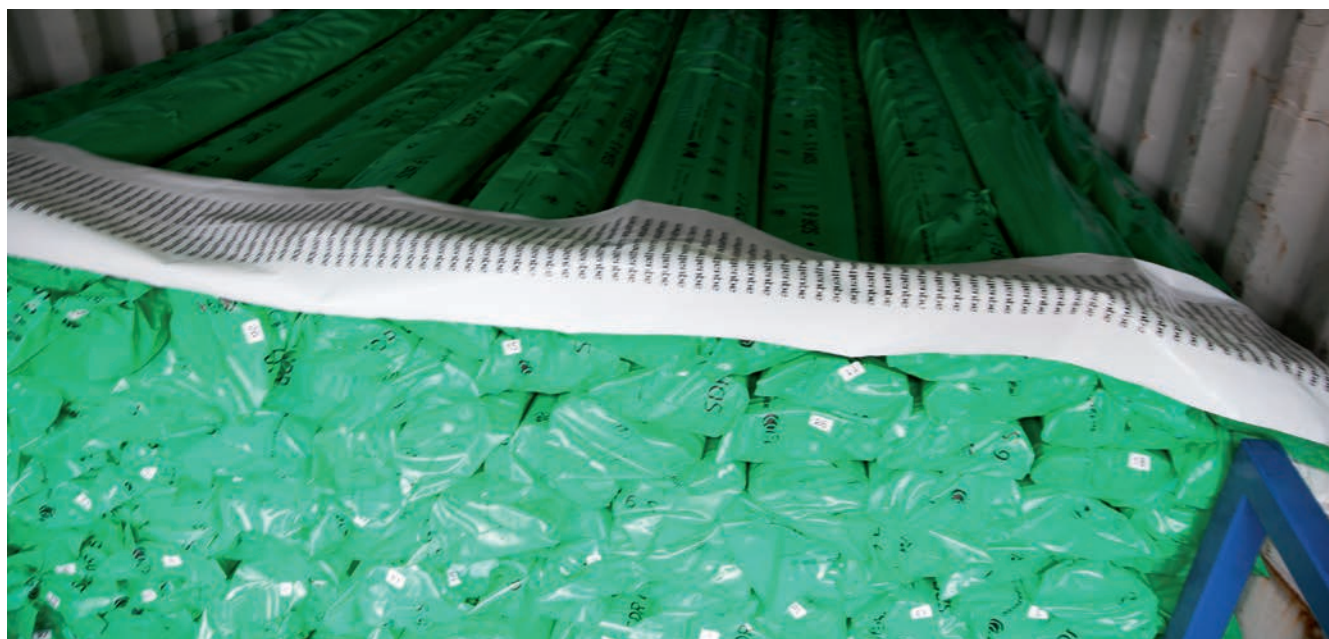
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## FLAT FOIL FOR CLEARER CONTAINER DELIVERIES

Sometimes it is possible to achieve a process improvement by simple means. A nice example for it is the new flat foil used as of now for all our container deliveries.

It serves as optical separation of the various pipe dimensions. The deliveries thus get clearer and can be handled more quickly. At the same time, the danger of mixing up is strongly reduced.



## APPROVAL OF THE AQUATHERM GREEN PIPE SDR 9 MF RP IN NORWAY

On 20th April 2017, the aquatherm green pipe SDR 9 MF RP in the dimensions from 32-160 mm received the official approval in Norway with the „SINTEF Product Certificate No. 3344“ as pipe system for hot and cold water applications which is valid until 1st May 2022. You can request the certificate at [technik@aquatherm.de](mailto:technik@aquatherm.de)



## Produktsertifikat

**Nr. 3344**

SINTEF Byggforsk bekrefter at:

### Rør og rørdeler, type aquatherm green pipe SDR9MF-RP, dimensjon 32 – 160 mm

er i samsvar med kravene i:

EN ISO 21003-2 og EN ISO 21003-5  
EN ISO 15874-2 og EN ISO 15874-5  
DVGW W 270 og EN 1622  
Tungmetallutlekking etter NKB Produktregler 4

Innehaver av sertifikatet:

**aquatherm GmbH**  
Biggen 5,  
DE-57439 Attendorn, Tyskland

Produsent:  
aquatherm GmbH  
DE-57439 Attendorn, Tyskland

Utstedt: 20.04.2017  
Gyldig frem til: 01.05.2022  
(Gyldig forutsatt at sertifikatet er listet på [www.sintefcertification.no](http://www.sintefcertification.no))

Produsenten har kontrollavtale med SKZ

*Monica N. Malmedal*

Monica Nodland Malmedal  
Sertifiseringsleder