

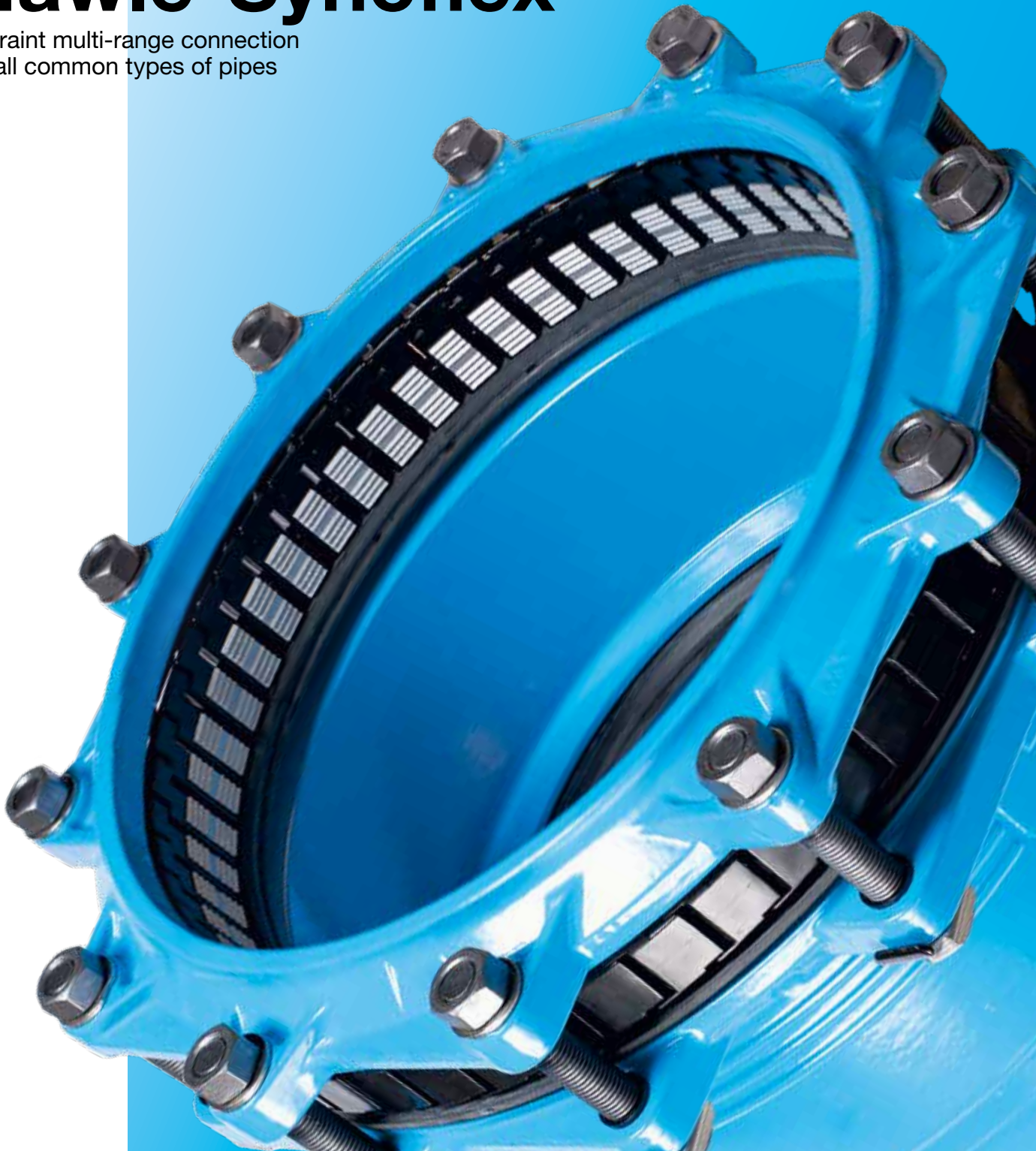


2024

Hawle-Synoflex

restraint multi-range connection
for all common types of pipes

made for generations.



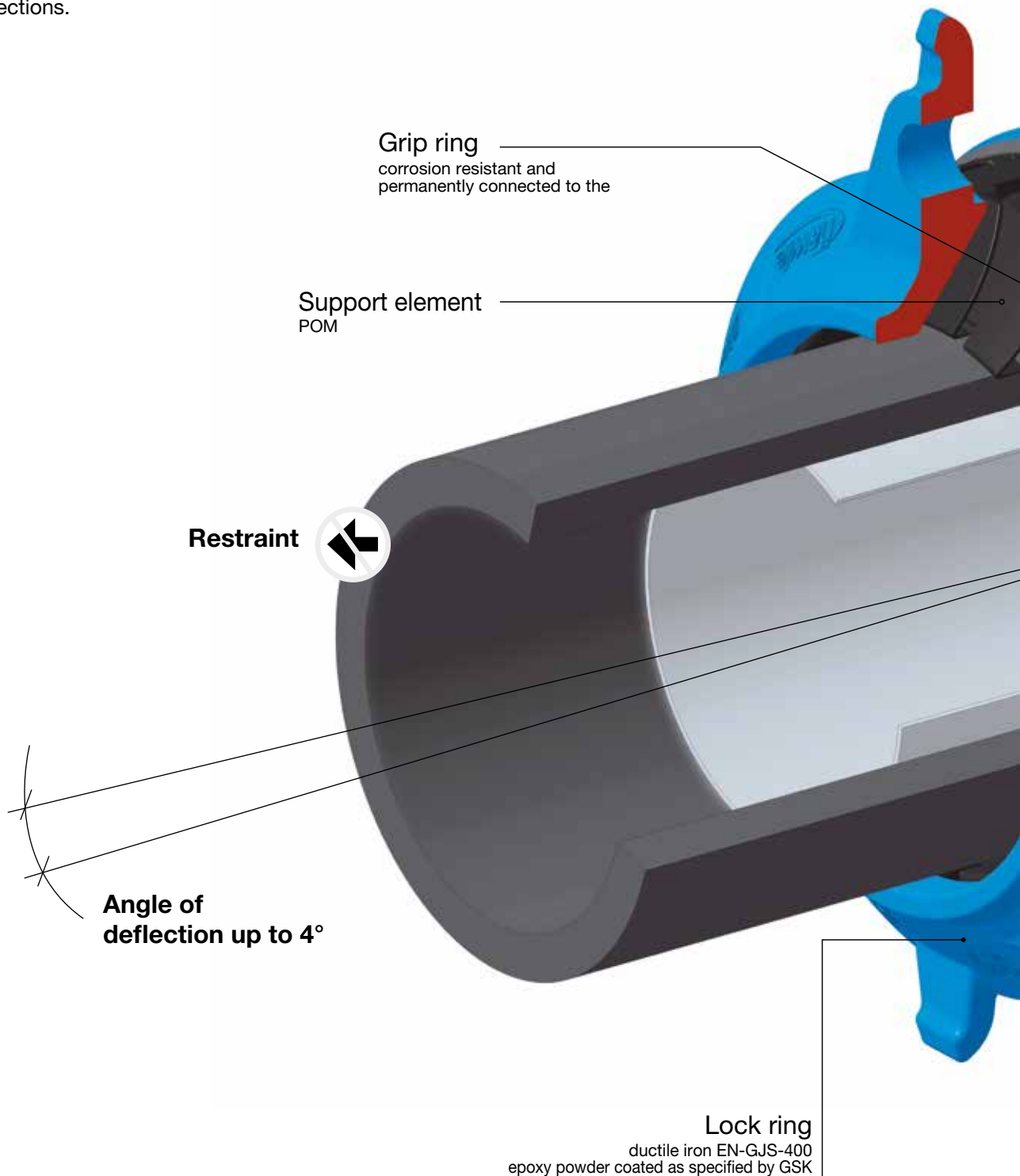
Design features

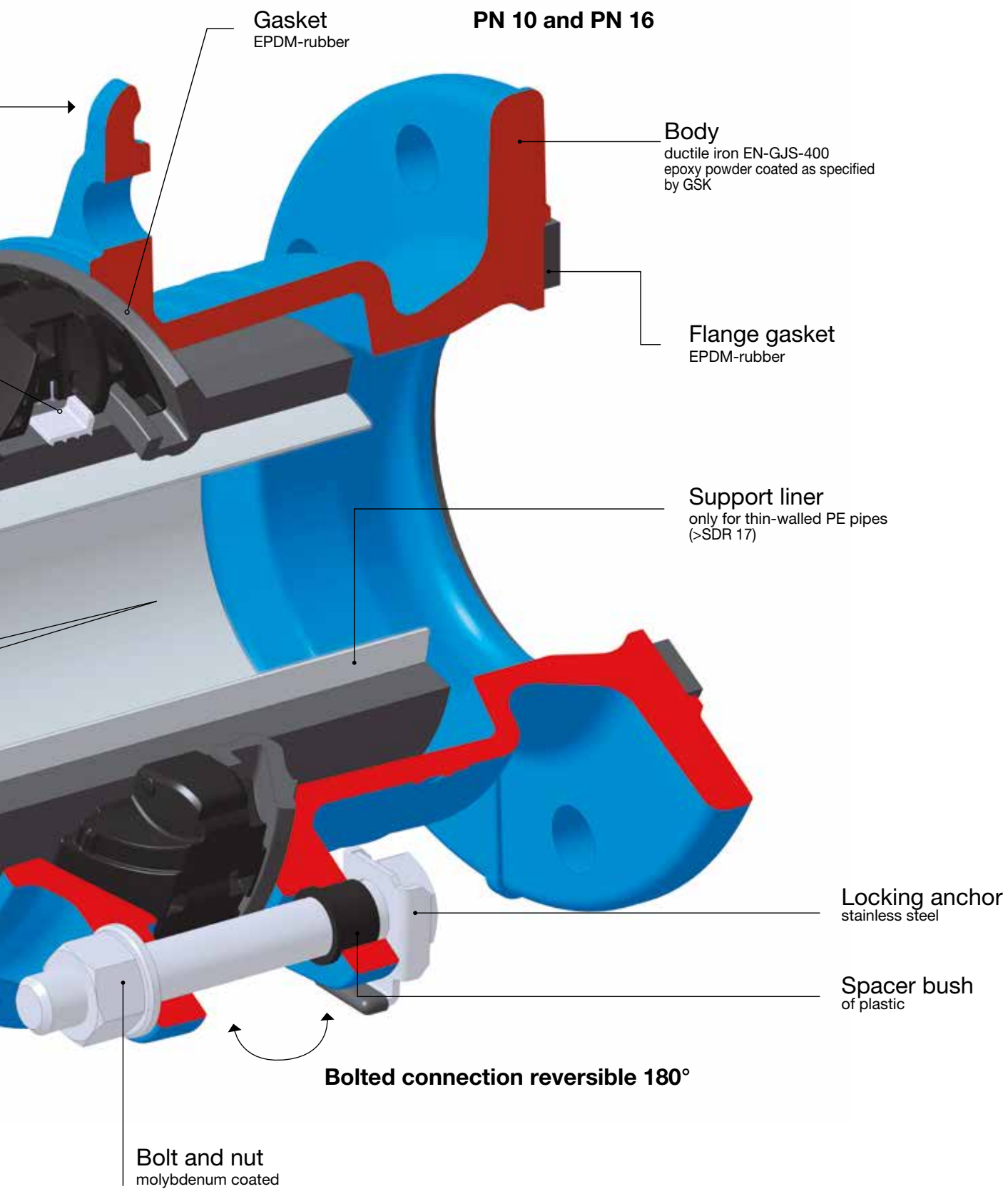
Synoflex

Restraint multi-range connection

The Hawle-Synoflex socket system provides high quality restraint connections to all common water supply pipes. The patented Hawle-Synoflex secures steel, DCI, PE/PVC and AC* pipes with fully corrosion protected connections.

Quick-clamping device





For all common types of pipes



* Warning! A restraint connection between Synoflex and asbestos cement pipes can't be confirmed. Removal of the grip ring is not necessary.

Advantages of Hawle-Synoflex

- **Durable**
The proven epoxy powder coating as specified by GSK (the Quality Association for the Heavy Duty Corrosion Protection of Powder Coated Valves and Fittings) provides excellent corrosion protection. Bolts, nuts, washers and locking pistons are made of A4 high grade stainless steel.
- **Easy to install**
By pinching the quick-clamping lug, the Synoflex grip ring quickly conforms to the pipe. Tighten the nuts while keeping the Synoflex in correct position. Due to the bolt anchor, the bolts can be tightened with only one hand. The Molybdenum coated bolts counteract friction with the nut for easy assembly.
- **10 year factory guarantee**
Your safety is assured through decades of experience in making pipeline connections at Hawle, backed up with a 10 year quality on all Hawle-Synoflex products.
- **Adaptable**
Improving in the trench is easy when using Hawle-Synoflex. With a tolerance of 4° angular deflection at both pipe ends, all types of pipes and the combinations thereof can be connected with Hawle-Synoflex. The Molybdenum coated bolts can be extracted and inserted again on the opposite side for easy one hand tightening from the inside in areas that are too tight for wrench access.
- **Reliable**
Hawle-Synoflex ensures a restraint connection for all common pipe materials. The clamping elements holds the pipe securely without damaging it. The elastomer gasket fits snugly around the pipe, creating an effective seal. The pipe will not move inwards when tightening.
- **Cost-saving**
The Hawle-Synoflex product range covers most of the installation situations. Due to its flexible range, the Hawle-Synoflex saves cost by reducing the number of pipeline connectors needed in the warehouse.

Range of products



7994



7974



7975 *



7976



7980

DN	MOP (PN)	Adjusting range Synoflex Socket	Synoflex Flange E-Piece / ER-Piece		Synoflex Connector U-Piece / UR-Piece		Syno2000 Connector U-Piece		SynoZak Connector U-Piece		Synoflex End cap X-Piece
			Flange	Socket	Socket	Socket	Synoflex Socket	System 2000 Socket	Synoflex Socket	System ZAK Socket	Socket
40	16	d 46 – 58			DN 40	DN 40			DN 40	ZAK 46	
50		d 56 – 71	DN 50	DN 50	DN 50	DN 50	DN 50	da 63	DN 50	ZAK 46 ZAK 69	DN 50
65		d 71 – 88	DN 65	DN 65	DN 65	DN 65 DN 80					DN 65
80		d 85 – 105	DN 80	DN 65 DN 80 DN 100	DN 80	DN 65 DN 80 DN 100	DN 80	da 90			DN 80
100		d 104 – 132	DN 100	DN 80 DN 100 DN 125	DN 100	DN 80 DN 100 DN 125 DN 150	DN 100	da 110 da 125			DN 100
125		d 131 – 160	DN 125	DN 100 DN 125 DN 150	DN 125	DN 100 DN 125 DN 150					DN 125
150		d 155 – 192	DN 150	DN 125 DN 150 DN 200	DN 150	DN 100 DN 125 DN 150 DN 200	DN 150	da 160 da 180			DN 150
200		d 198 - 230	DN 200	DN 150 DN 200 DN 225	DN 200	DN 150 DN 200 DN 225 DN 250	DN 200	da 200 da 225			DN 200
225		d 230 - 260			DN 225	DN 200 DN 225 DN 250					DN 225
250		d 265 – 310	DN 250	DN 200 DN 250	DN 250	DN 200 DN 225 DN 250 DN 300	DN 250	da 250 da 280			DN 250
300		d 313 – 356	DN 300	DN 300	DN 300	DN 250 DN 300	DN 300	da 315			DN 300
350		d 352 – 396	DN 350	DN 350	DN 350	DN 300 DN 350	DN 350	da 355			DN 350
400		d 398 – 442	DN 400	DN 400	DN 400	DN 350 DN 400	DN 400	da 400			DN 400

DN 40 – 400 = ÖVGW certified
*no ÖVGW certification

From the Source to the Home.

Our products are used in water infrastructure,
which is why the highest standards of quality and longevity are so important.

We Live and Breathe Quality.

At Hawle, quality is not just about the exceptional nature of the products themselves.
For us, it means so much more –

- We set especially high standards for ourselves when it comes to ensuring that our customers are happy. It is not just about winning new customers, but also about providing them with the best possible support and thereby establishing long-term partnerships.
- Our quality starts with the recruitment of employees, and continues with the methods we use, as well as our innovations and the development and production of our products right up to the moment they are ready for series manufacturing.
- Hawle has more than 150 product certificates and around 300 material licenses in various countries. In order to ensure product quality, our testing department subjects the raw materials to extensive tests - starting as early as the development stage.
- All its processes and procedures have met the standards of the ISO 9001 quality management system since 1995. We also have ISO 14001 and 50001 management system certification to ensure that our environmental performance and energy consumption are continuously improved. These measures are essential parts of our company policy.
- Our production processes are designed to conserve resources so that we can reduce the environmental impact. We produce our products exclusively in Europe and obtain most of our raw materials from European countries. 99% of our plastic parts are produced in-house, while our primary raw material comes from our own foundry in Austria.

Find out more about quality without compromise at hawle.com/en/hawle-quality







E. Hawle Armaturenwerke GmbH

Wagrainer Straße 13 | 4840 Vöcklabruck | Austria

☎ +43 7672 72 576-0 📠 +43 7672 78 464

hawle.com HAW-404-EN

✉ hawle@hawle.at



Printed on recycled, chlorine-free bleached paper and aging.