hawle

Hawle System 2000

made for generations.

Design features

Hawle System 2000

Pipe Connections and Gate Valve

DN 50 – DN 600
PN 10 – PN 16
PE & PVC

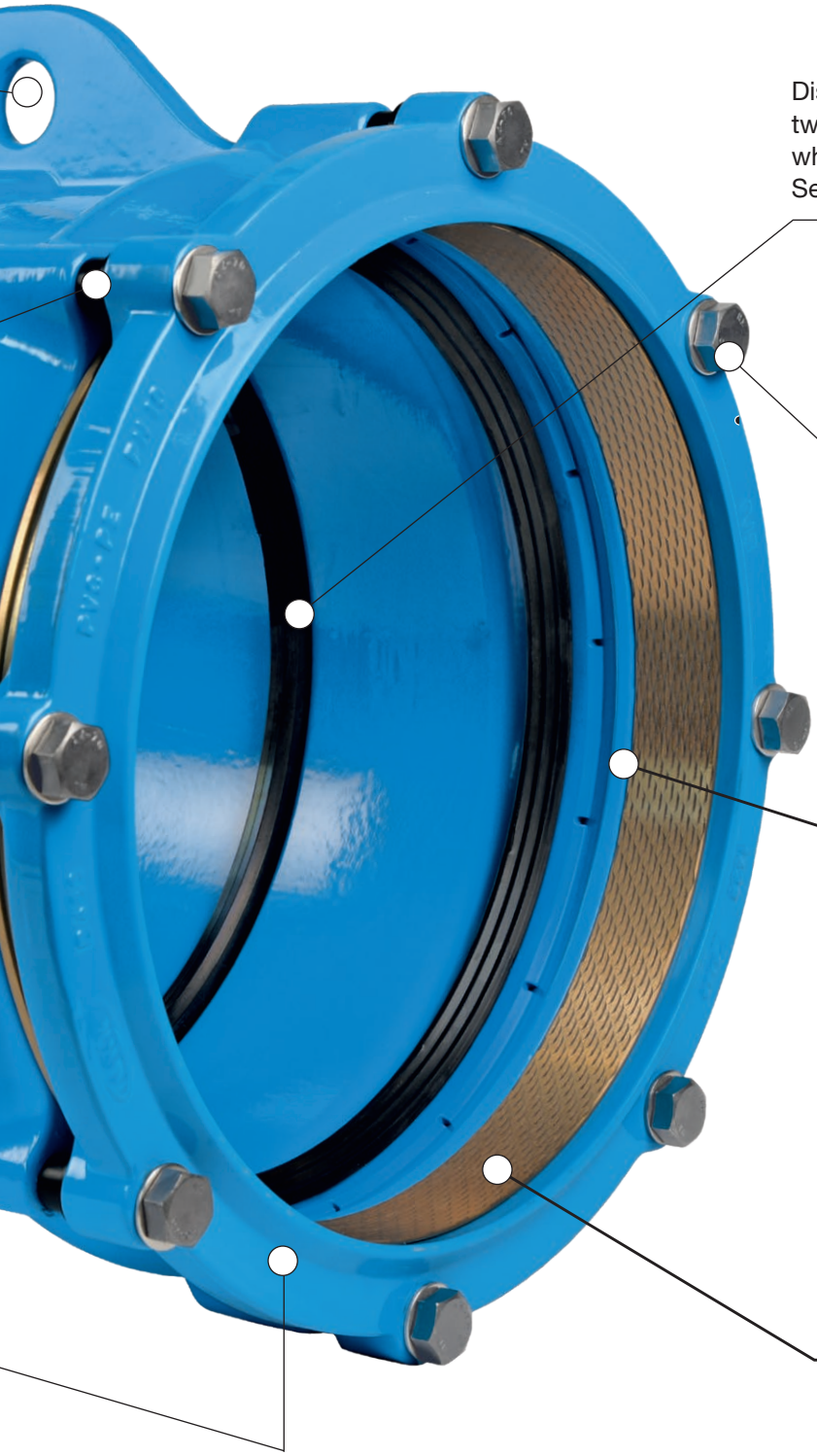
RESTRAINT

Bigger dimensions (from DN 250) are equipped with a lifting device for safer handling of the heavy parts in order to prevent accidents

The spacer bushes act as a seal for the bolt to prevent corrosion. Furthermore, they are designed for a correct assembly, because as soon as you tighten the bolts crosswise, the locking ring will squeeze the spacer bushes between the ring and the body.
See page 7

Body and ring are made of GJS 400-15 a flexible but strong material, as during the life time it has to cope with different pressure situations

made for generations.



Distance ring for easy mounting when connecting two pipes. This ring can be easily disassembled when needed for repairing a pipe.
See page 7

Bolts are made of high grade stainless steel for long lasting use.

The triple lip sealing and restraint function are separated, meaning optimal performance of each function.
See page 7

A fine-toothed, brass grip ring which is pressed onto the pipe over a large area ensures a secure, restraint and permanent connection. The functionality of the pipe is not affected by this grip ring pressing into the surface.

Strong arguments

Hawle System 2000

VS

Pipe Welding System

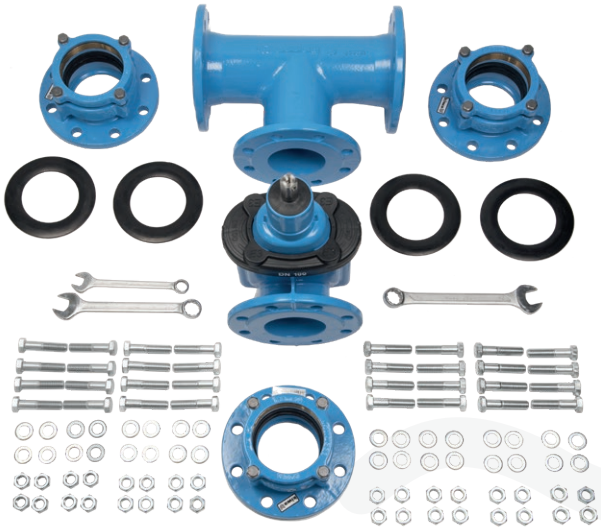
+ No special tools required
+ Weather doesn´t matter
+ Easy to disassemble (termporary installation)
+ No stress on the pipe
+ Possible connection between PVC and PE pipe
+ No special trained staff needed
+ Fast installation process (no cool down time).
+ Can be used for already existing pipelines

- Mostly generator needed
- Dependent on weather/temperature conditions
  → tents needed
- Long cool down time
- No disassembly possible
- Only PE pipes can be connected
- Special training needed

System 2000 Combi-T

VS

Flanged Version*



With System 2000 it is easy to save money. It is obious that with this System you need:
+ Less space in warehouse
+ Less time in mounting the parts at site

* Situation with competitor product

made for generations.

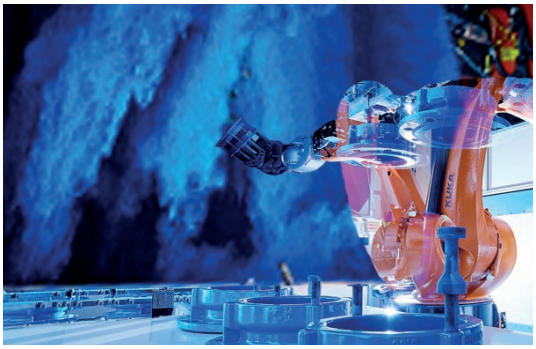
100 Years Expected Lifetime

YRS

EXPECTED LIFETIME
SYSTEM 2000

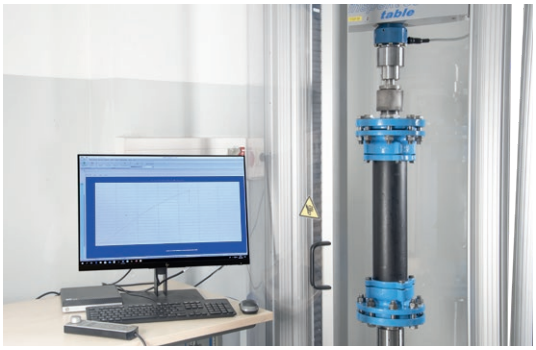
The products were tested by an independent institute using extreme tests. The result was clear: the Hawle System 2000 passed the tests with distinction. The "100 Years Expected Lifetime" certificate confirms the durability of our reliable pipe connection.

Epoxy dip powder coating according to GSK*



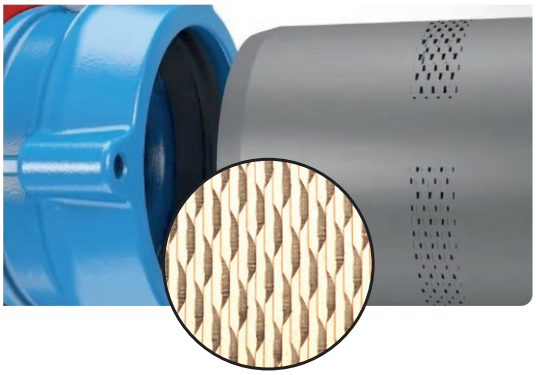
The epoxy Hawle powder coating process dips the product into a powder bath and thereby the same coating thickness is achieved on all surfaces of the product. The process is done by robots, which guarantees a better protection and quality level for each individual product.

Testing facility: Pullout Test



System 2000 fulfills not only the NORM EN 14525, it exceeds the demands by far. This is consequently tested in our own test facilities.

Grip ring on pipe



The grip ring has a special well optimized profile which does not dig into the pipe to much but still secures a fully restraint connection througout the life time of the pipe. This means a very long lasting connection without problems.

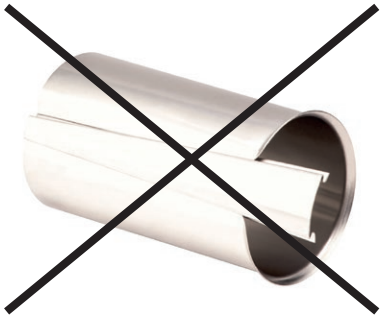
* Gütegemeinschaft schwerer Korrosionsschutz

Strong arguments

Produced in the EU

All parts of the System 2000 are produced in Europe. This means a very low carbon footprint as well as a full availability of the product range for our customers

No insert liner required



Under normal installation circumstances there is no need for a support liner to stabilize the pipe. This means faster installation time and cost savings for our customers

3 Mio. connections since 1995

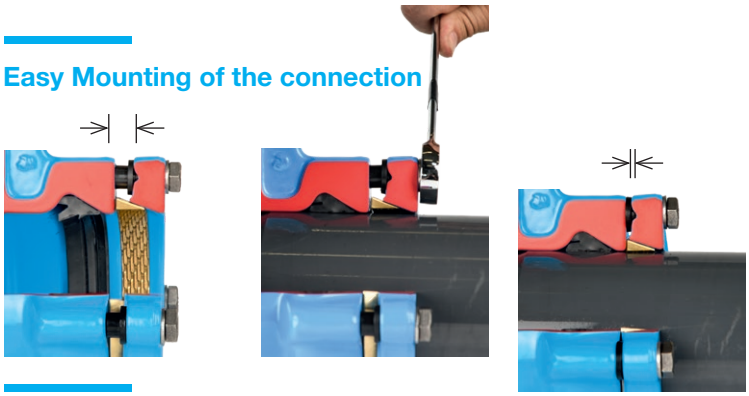
Since the introduction 1995 more than 3 Million installations have been done with this type of system all over the world, and ensures the reliable and sustainable water supply of our customers.

Hawle - Quality guarantee

System 2000 in action

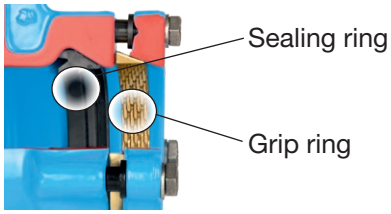
made for generations.

Easy Mounting of the connection



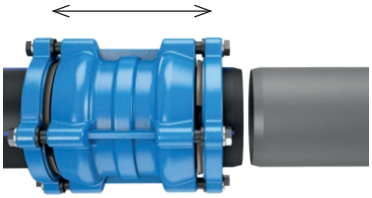
The installation of the System 2000 is very easy. Push in the chamfered, greased pipe, then tighten the bolts until the end position as shown where the spacer bushes are squeezed in-between the ring and the body. Once this is done, the installation is completed successfully.

Sealing ring and grip ring are separated



Compared to many other solutions out in the market, the sealing ring and the grip ring are separated. This means each function is independent and performs 100%.

System 2000 as sliding connector



No. 0430 Coupling can act as a sliding connector

Possible to connect PE / PVC pipes

When removing the distance ring, the coupling can be used as a slip coupling in repair situations. Hence, the coupling can be pushed back once the pipe is in place or when you want to change from PVC to PE or vice versa.

Reusability

No. 8075 End Cap with axial or radial thread connection.
E.g. flushing the line, pressure test, air release, etc.

The System 2000 is designed to be reused as well. For example when a new pipeline is laid, the sections need to be tested individually every so often, where the System 2000 end caps can be reused many times.

Premounted sealing

Flange has a fixed sealing

No. 0400 Flange

The System 2000 flange adaptor comes with a sealing glued onto the flange already to save installation time and cost.

Product range

Hawle-System 2000
Flange Connections & Gate Valves

E3 Valve, Socket-Socket
No. 4040*E3*
DN 50 — 400

E3 Valve, Flange-Socket
No. 4041*E3*
DN 50 — 300

E3 Combi-T
No. 4343*E3*
DN 80 — 200

E2 Valve, Socket-Socket
No. 4040*E2*
DN 50 — 300

E2 Valve, Flange-Socket
No. 4041*E2*
DN 50 — 300

E2 Combi-T
No. 4343*E2*
DN 50 — 200

All Socket Tee
No. 8515
DN 50 — 200

T-Double socket T-Piece
No. 8525
DN 50 — 200

Duck foot bend 90°
No. 5045 / No. 5047
DN 80/90 | DN 80/110 | DN 100/110

made for generations.

Bend
No. 8535 90°
DN 50 — 300

Bend
No. 8545 45°
DN 50 — 300

Pipe Connection
No. 7975
DN 50 — 400

Bend
No. 8555 30°
DN 80 — 200

Bend
No. 8557 11°
DN 80 — 150

Connector
No. 0430
DN 50 — 600

Flange
No. 0400
DN 50 — 600

Split collar
No. 9240
DN 50 — 200

End cap
No. 8075
DN 50 — 300

*Available also with axial or radial thread connection.

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**

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