



**EXPECT SAFETY,
QUALITY AND
DURABILITY**

Expect... **AVR**

RENOWNED WORLDWIDE FOR QUALITY AND DURABILITY

For more than 30 years, AVK has successfully been meeting the strict safety demands of natural gas companies.

We have built a complete range of valves and accessories, and we have acquired quality approvals of our gas valves from the leading national and international testing institutes, who set high-level standards for safe and efficient gas supply.

AVK gas valves are approved worldwide

AVK introduced our very first gate valve for water in 1969. Eight years later we obtained the first DVGW approval for gas. Our dedication to high quality and continuous product development is widely recognized by a large number of customers around the world.

AVK gas valves in Denmark

"HMN Naturgas (covering Central/Northern Jutland and the Copenhagen area) installed the first AVK valves in the early eighties, when the natural gas distribution was established in Denmark. Thus, we have co-operated with AVK for more than 25 years, and the first valves installed are still in service. AVK has always provided a good service and products of high quality".

Søren Hylleberg, Technical Director,
HMN Naturgas I/S

Safety comes first

AVK valves are manufactured in modern factories characterized by streamlined flows and a high degree of automation. Throughout the processes, a number of tests are carried out to safeguard the traceability, durability and operational reliability of our products.

Our quality assurance system is of course certified according to ISO 9001. Moreover, we are certified to ISO 14001, the international standard for environmental management, and OHSAS 18001, the international Occupational Health and Safety Standard.

More than 3,000 people in the AVK group are doing their utmost to ensure that AVK remains one of the world's leading valve manufacturers for gas, water, wastewater, and fire protection applications.





THE UNIQUE WEDGE IS THE HEART OF OUR GATE VALVES



Unique features and benefits:

- Fixed, integral wedge nut sealed with rubber prevents corrosion (1).
- Double bonding vulcanization process ensures maximum adhesion of the rubber.
- Guide rails with integrated wedge shoes ensure low friction and smooth operation (2).
- Rubber vulcanized to the core with min. 1.5 mm on all pressure bearing surfaces and 4 mm on all sealing surfaces gives optimum corrosion protection.
- Large rubber volume in the sealing area provides optimum sealing (3).
- Large plain and conical stem hole (4) prevents stagnant water and accumulation of impurities.
- AVK's own rubber compound features an outstanding compression set ensuring tight sealing even after having been compressed numerous times.

Fixed wedge nut and integrated wedge shoes

AVK's wedge nut design with a fixed, integral wedge nut outperforms the traditional loose wedge nut design as it prevents vibration and thus also corrosion and malfunction. The fixed wedge nut, combined with the guide rails with integrated wedge shoes, secure a smooth operation of the valve and low operating torques. The wedge shoes protect the rubber against wear which otherwise would arise caused by the friction during operation.





State-of-the-art rubber technology

AVK GUMMI A/S develops and manufactures the rubber compound for wedges and gaskets using highly advanced technologies.

Data is collected throughout the entire manufacturing process which secures traceability of every single ingredient, compound and final component. AVK performs a number of tests to ensure that the compression set values, the adhesion and the tensile strength meet the predefined requirements. Our NBR compound is approved according to EN 682.

Efficient bonding is the key to durability

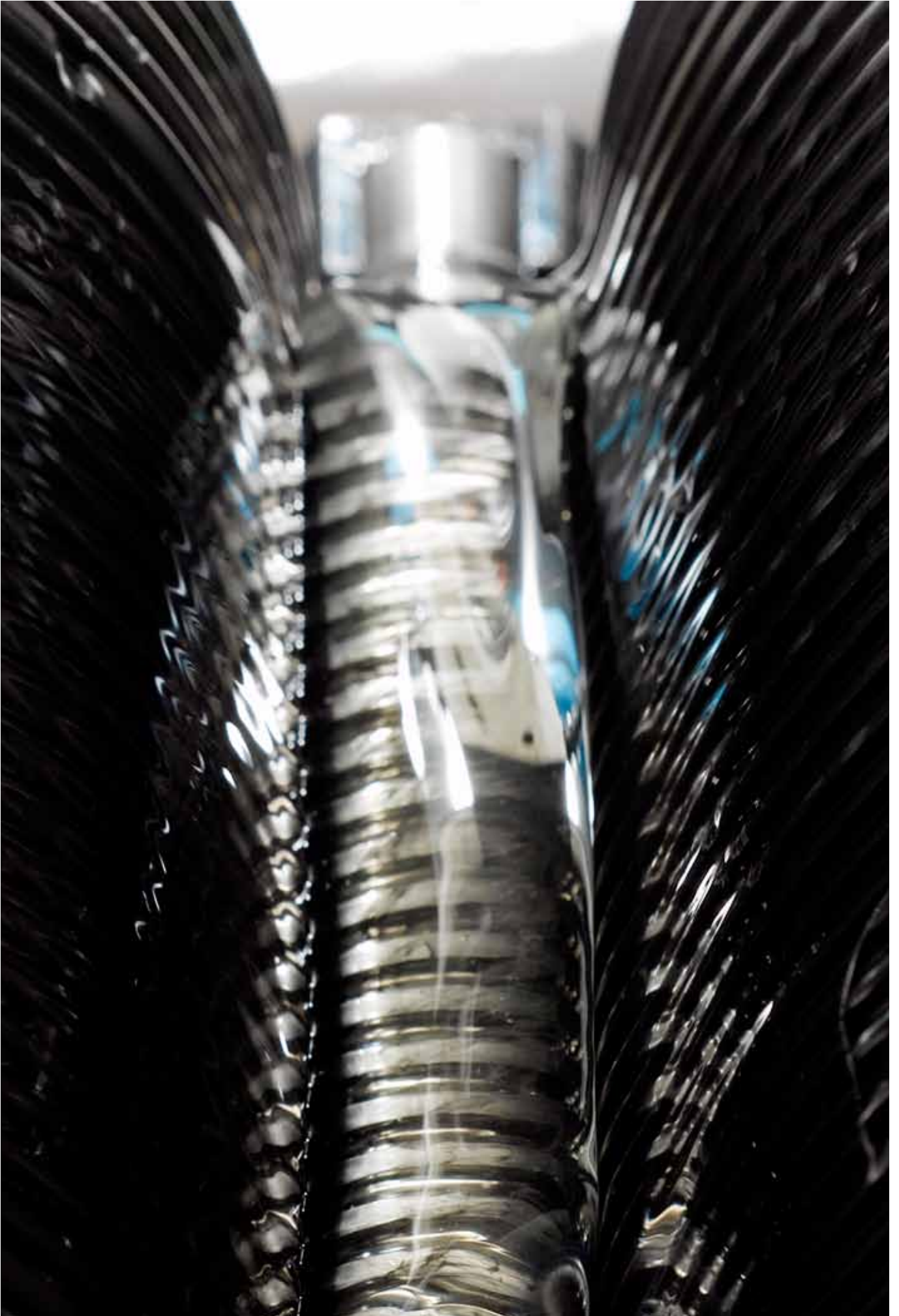
The wedge core is immersed in two different baths to provide ultimate bonding between core and rubber. Even if a sharp object penetrates the rubber during closing of the valve, the bonding is so strong that there is no risk of creeping corrosion. As a result, we can offer the best possible rubber adhesion and corrosion protection of the wedge.

Excellent ability to regain original shape

AVK GUMMI A/S has a profound knowledge of a rubber's compression set, meaning its ability to regain original shape.

Even after many years of service where the wedge rubber has been compressed numerous times, the rubber will regain its original shape and ensure a tight sealing. Impurities will not affect the rubber surface or the tightness of the valve, as the impurities will be absorbed in the rubber when the valve is in closed position.





HIGH STRENGTH STEM PROVIDING LOW OPERATING TORQUES

Polished stems with rolled threads

The stem threads (1) are rolled in a cold pressing process which maintains the steel structure and therefore increases the strength of the stem. This method also ensures a smooth thread surface that gives low operating torques and prolonged durability. Finally, we polish the stems to provide a completely even interface (2) between the stem and the stem nut without risk of leakages.

Wedge stop for extra safety

The stainless steel stems are designed with a wedge stop (3) providing a firm stop against the wedge nut when opening the valve. This prevents the wedge from compressing the stem seals and from damaging the coating inside the bonnet resulting in prolonged durability of the valve.



CORROSION PROTECTION IN COMPLIANCE WITH GSK REQUIREMENTS



Internal and external epoxy coating

All castings are blast cleaned according to ISO 12944-4. Any unevenness of the product surface is cleaned to provide perfect adhesion of the coating.

The epoxy is applied electrostatically in a closed booth, either manually or in our automatic fluidized bed system, where the powder melts and cures in contact with the preheated component. Thorough control measures are applied to ensure optimum corrosion protection in accordance with DIN 30677-2 and GSK requirements.



Thorough tests of the epoxy coating

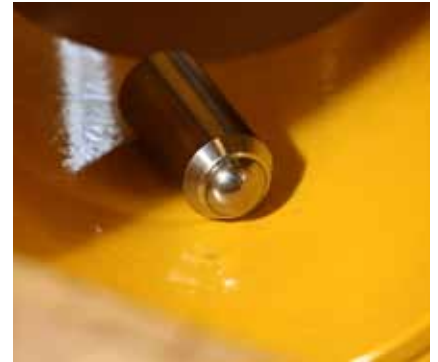
We check each batch of epoxy coated components to ensure a layer thickness of minimum 250 µ and a pore-free surface.

The coating must be completely free of penetrating pores to avoid subsequent corrosion of the casting underneath. A 3000 V holiday detector with a brush electrode is used to electrically reveal and locate any pores in the coating.

The impact resistance test is carried out by means of a stainless steel cylinder dropped on the coating surface through a one meter long tube corresponding to an impact energy of 5 Nm. After each impact the component is electrically tested, and no electrical break-through shall occur.

The curing of the epoxy coating is checked in a cross linkage (MIBK) test, where several drops of methyl isobutyl ketone are put on a horizontal epoxy coated surface of a test piece. After 30 seconds the test area is wiped with a clean white cloth. It is checked that the test surface has not become neither matt nor smeared, and that the cloth remains clean.

In addition to our own tests, the adhesion and cathodic disbonding of the epoxy coating are examined six times per year by the independent GSK authorities.



Galvanic corrosion prevention

An effective method to avoid galvanic corrosion is to keep the pipe system shielded to avoid that pipes and shut-off valves are in direct contact with the surrounding soil. AVK offers gate valves effectively protected with a PUR coating of minimum 1.5 mm.

Every single PUR coated valve is pinhole tested by means of a holiday detector with an output voltage of 20,000v. Our approval criterion is zero pinholes.



NO COMPROMISE ON TIGHTNESS AND TRACEABILITY



Triple safety in the stem sealing system

An NBR wiper ring (1) protects against impurities from the outside. Tightness and low friction are provided by four NBR O-rings in a stem seal nut (2), which is replaceable under pressure. An NBR manchette (3) is the main seal to the flow and prevents leakage in the rare case that the stem seal nut needs to be replaced.

Tight assembly of valve body and bonnet

An NBR bonnet gasket (4) fits into a recess between the valve body and the bonnet. The stainless steel bonnet bolts (5) are encircled by the bonnet gasket, countersunk in the bonnet and finally sealed with hot melt to prevent corrosion.

Full bore prevents pressure loss

A full bore with the same nominal diameter as the pipeline ensures minimum pressure loss, as the valve does not cause any reduction in the flow path.

100 % pressure test and traceability

Every single valve is pressure tested to DIN 3230-5, PG 3 / EN 13774 before leaving the factory.

In open position:

0.5 bar with air

1.5 X PN with water

1.1 X PN with air, from both sides

In closed position:

0.5 bar with air

1.1 X PN with air, from both sides

When the valve has successfully passed the pressure test, the date and serial number are stamped on the valve stem and noted in the pressure test report for documentation.



PE END CONNECTION **STRONGER THAN THE PIPE ITSELF**



The DVGW approved connection is stronger than the PE pipe itself. A piece of standard PE pipe is pressed directly onto the grooved valve end. The grooves combined with a sleeve around the valve/pipe connection ensure that the PE pipe material is firmly secured and that the connection remains tight and tensile the entire service life of the pipeline. The connection is sealed with a shrink hose to provide corrosion protection.



GATE VALVES WITH PE ENDS - A NATURAL PART OF PE NETWORKS



Direct welding into PE pipes

AVK gate valves with PE ends enable direct welding into PE pipes by using socket fusion or butt welding. The full, straight bore ensures minimum pressure loss and makes under pressure drilling possible.

The valves are available with PE x PE connection in DN 80-400 and with flange x PE connection in DN 50-200.

Foundation provides stability

Valves in DN 50-100 can be equipped with a foundation that secures the stability of the valve and prevents opening or closing torques from being transferred to the PE pipe. The foundation is made of hot-galvanized steel and includes two plastic straps for fixation of the valve.



GATE VALVES FOR WELDING INTO LOW PRESSURE STEEL PIPES



Complete range up to DN 600

AVK gate valves with steel spigot ends are available in dimensions from DN 50 to 600. We offer two different face-to-face dimensions both offering easy access to the welding ends, and optionally with ISO top flange prepared for mounting of electric actuator. The low weight facilitates easy handling of the valves on site. The valves are made of cast steel GS-C 25N with welding ends according to DIN 3239 part 1. The welding process is performed by certified welders.



FLANGED AND SERVICE CONNECTION VALVES COMPLETE THE RANGE



Service connection valves

AVK service connection valves feature the same basic construction as the main-line gate valves except for the wedge design. The wedge core is made of dezincification resistant brass which is vulcanized with NBR rubber externally. The wedge is shaped with wedge guides, and a patented rubber profile ensures low closing torques.

AVK service connection valves are available with internal thread and with PE ends for welding into PE pipes.

Flanged gate valves

Flanged gate valves can be used for almost any application. AVK flanged gate valves are available in two different face-to-face dimensions and with standard bonnet or ISO flange bonnet:

- Long, according to EN 558 table 2 basic series 15 (DIN F5) in DN 40-500.
- Short, according to EN 558 table 2 basic series 14 (DIN F4) in DN 40-600.
- Short DIN F4, prepared for actuator with ISO top flange in DN 50-400





BUTTERFLY VALVES FOR ABOVE GROUND INSTALLATIONS



Renowned centric butterfly design

The butterfly valves are produced by Wouter Witzel EuroValve, a well-esteemed company in the AVK Group, and one of very few manufacturers of butterfly valves with fixed liner. The Wouter Witzel butterfly valves are approved by all major authorities such as KIWA, DVGW, SVGW, and WRC.

Cost efficient installation

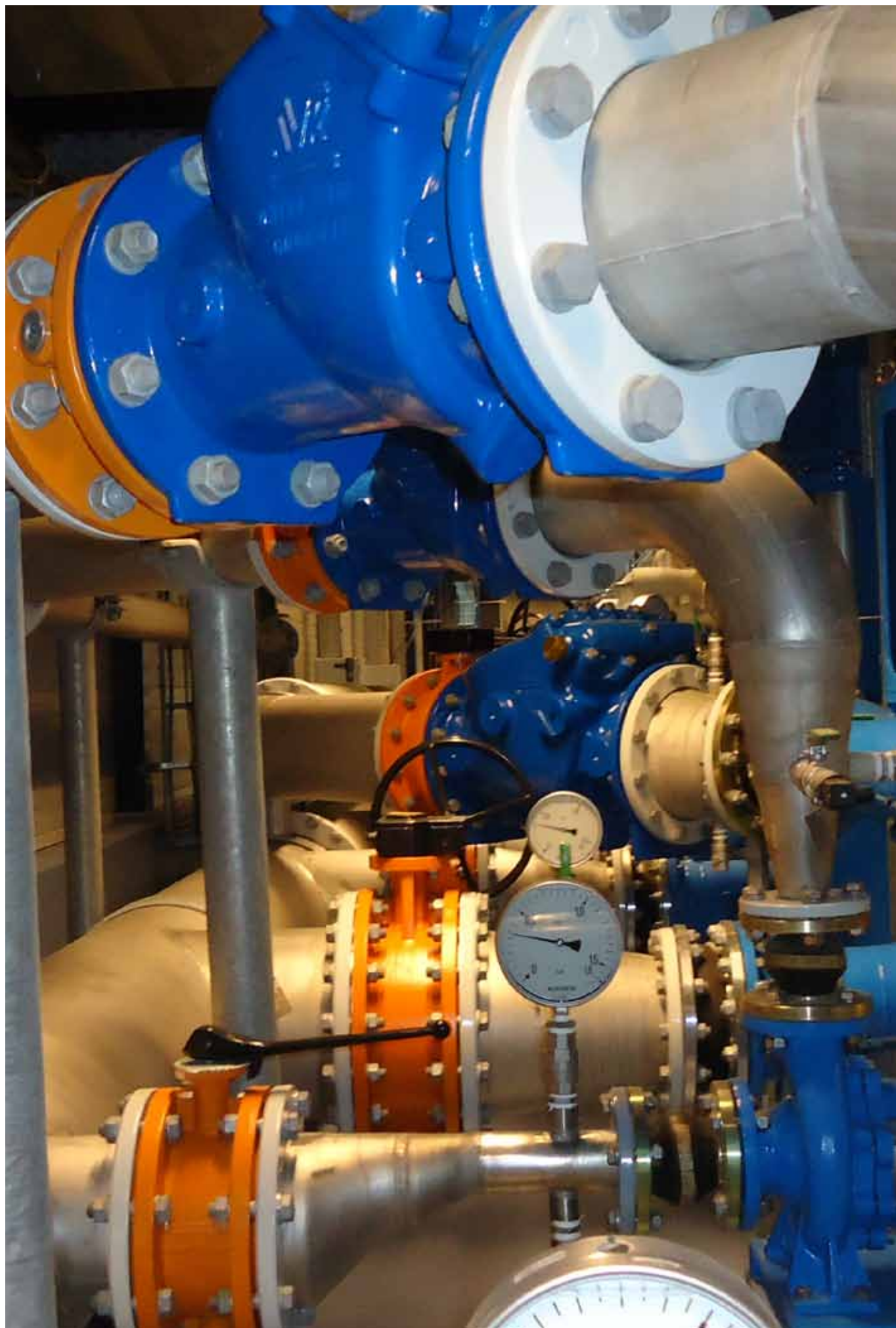
The compact lightweight construction saves space and makes the valves easy to handle. The streamlined disc shape ensures minimum turbulence and head loss. Furthermore, the low torques facilitate the operation of the valves allowing the use of smaller and less expensive actuators.

Outstanding seating concept

The rubber is injection moulded directly on the valve body forming a permanent bond with an optimal rubber shore hardness. Consequently, there is no risk of deformation or dislocation of the liner making the valves suitable under vacuum conditions.

The disc has a profiled sealing edge which requires minimal deformation of the liner to achieve a tight sealing. This gives less wear of the liner and low operating torques. Therefore, the butterfly valves are the ultimate choice for applications with high operation frequency.





PE 100 BALL VALVES FOR LOW PRESSURE APPLICATIONS



Proven high quality

The PE 100 ball valves are produced with state-of-the-art machinery to guarantee a consistently high quality. We are able to trace the components throughout the manufacturing process from the initial injection moulding over machining and welding and to the final batch release test. Every valve is given a unique serial number which can be traced as far back as to the raw polyethylene material.

The robust PE 100 ball valves have been extensively type tested against worldwide leading standards. They are DVGW approved, and we have carried out a number of additional tests exceeding the requirements specified in the standards.

Safety connector prevents leaks

If the valve is overtightened during opening or closing, the connector is, as a safety feature, designed to break before the valve seals in order to prevent leakage. The safety connector is replaceable under pressure.

Components adapt equally to the temperature

Any differences in medium and surrounding temperatures may have an influence on the construction materials. PE 100 is used for the outer body, the ball and the seat retainer rings. This results in an equal distribution of expansion and shrinkage values on all components, and as a result their interfacing tolerances are maintained.



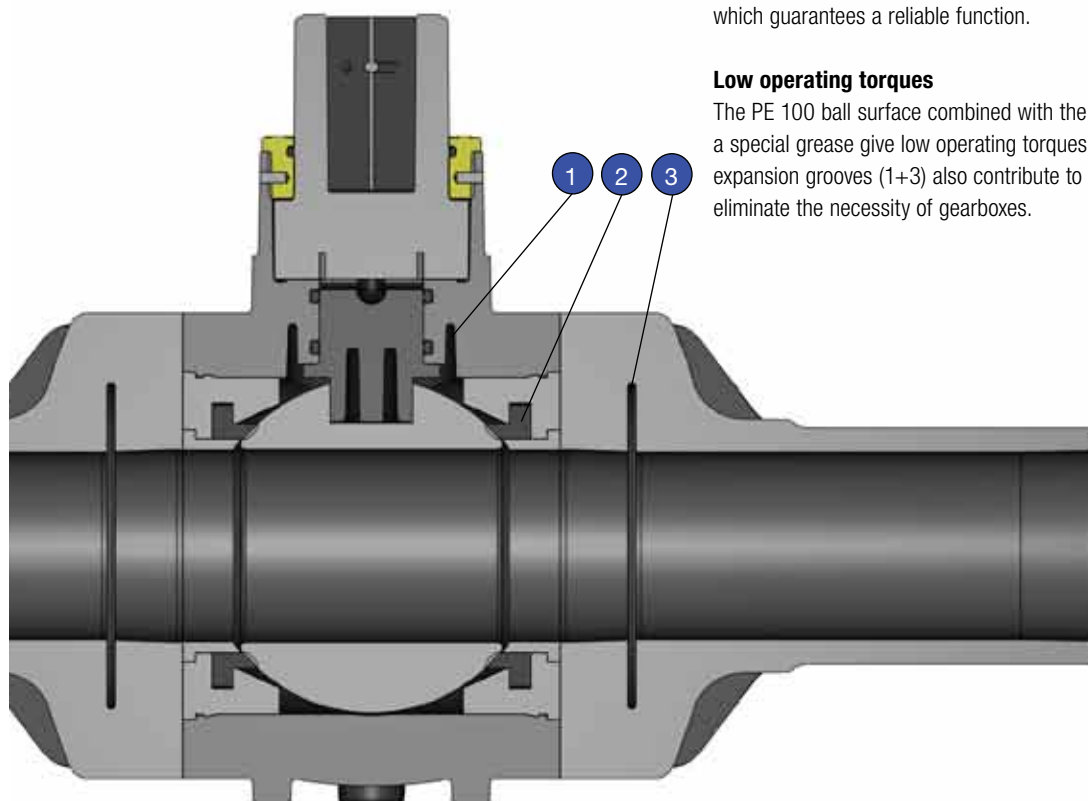


Integrated safety features

The groove (1) around the stem will adapt to any deformation as a result of upstream pressure on the ball when the valve is in closed position. The seat retainer (2) ensures that the ball seat is kept in place at all times, which guarantees a reliable function.

Low operating torques

The PE 100 ball surface combined with the high quality rubber seals and a special grease give low operating torques and prevent sticking. The expansion grooves (1+3) also contribute to low operating torques and eliminate the necessity of gearboxes.



EXTENSION SPINDLES IN A DURABLE AND USER-FRIENDLY DESIGN

Complete range

Extension spindles are used for easy access to operation of valves installed below ground. AVK extension spindles are produced on fully automated state-of-the-art production equipment to ensure cost efficiency and a uniform quality.

The extension spindles are available in telescopic and fixed length designs for gate valves as well as for service connection valves. Furthermore, they are available in telescopic design for PE ball valves.

The extension spindles are made of corrosion-resistant materials to ensure long service life. The conical key adaptor fits standard T-keys. The bottom cover protects the valve spindle from impurities and enables it to rotate freely.

Telescopic design

Telescopic extension spindles are used when the distance between the valve and the ground surface is unknown and when an adjustment of the extension spindle is required after installation.

The top adaptor is designed with a defrosting hole intended for insertion of a heating element to prevent freezing of possible ground water inside. The two fixation lugs can be attached to AVK surface boxes and support tiles. A lock spring keeps the telescopic part in place during installation, as it creates friction inside the inner square tube. The center sleeve protects against penetration of impurities between the two outer PE pipes.

Fixed length design

Fixed length extension spindles are used when the distance between the valve and the ground surface is known so that adjustment of the length after installation is required to a limited extent or not at all.

The patented AVK design facilitates fast and easy shortening of the extension spindle and a complete adjustment of the length can be done merely by use of a hacksaw.





“Safe-click” for service connections

Both the fixed and the telescopic extension spindles feature a patented “Safe-click” mounting system. “Safe-click” offers a secure and fast three-step mounting process on service connection valves.

The spindle adaptor of the extension spindle is placed on top of the valve stem. The split fitted on the bottom cover is inserted in the hole of the spindle adaptor and valve stem, and the bottom cover is pressed down until “click”.



SURFACE BOXES LIGHTWEIGHT AND RECYCLABLE

Why choose a synthetic surface box?

- Lightweight material; ensuring easy handling.
- Maintenance free; eliminating the need to clean or grease the metal seat to protect against corrosion or frost.
- Noiseless in traffic zones; providing noise absorption by its synthetic material.
- 100 % recyclable; requiring 80 % less resources throughout its complete life cycle compared to an iron surface box.
- Heat resistant up to 250°C.

Designed for tough conditions

The specially compounded PA resin is suitable for the load of road traffic during all seasons of the year. It especially enhances the resistance against high impact forces at low temperatures and offers sufficient heat resistance for safe installation in hot rolled tarmac. The ribs in the housing secure fixation in the road foundation.

Our Classic range - fixed or adjustable

The Classic surface boxes are DVGW approved and withstand maximum traffic loads according to DIN 1072. The surface boxes are designed with a body of PA and a lid of cast iron with "GAS" inscription. They are available for gate valves and service connection valves, in fixed height and height adjustable designs, and optionally lockable or with locking clip on bolt for installation in places with fast heavy traffic.

A height adjustable surface box is very easy to install. The 5° angle adjustment enables adaptation to the slope of the road, and the positioning of the top part is flexible by means of the O-ring. And last but not least, they do not require any expensive corrections after installation or renovation.



Top frames and support tiles

Top frames provide extra support in soft soil. They are more visible and prevent possible damage to the surface box and extension spindle caused by vehicles.

A support tile increases the support surface in weak soils, secures center location of the extension spindle and prevents telescopic extension spindles from being pushed back.



Our Futura range - featuring synthetic lids

The Futura surface boxes feature a slim design with fixed height and a locking clip on the bolt to prevent the lid from being lifted off unintentionally.

The surface boxes are available for gate valves and service connection valves, with round or square tops, and optionally lockable by a special key. Furthermore, there is a choice between a black cast iron lid, a yellow synthetic lid, and a black synthetic lid. All lids are with "AVK" and "GAS" inscription.

The synthetic lids are 100 % corrosion-resistant, contribute to further reducing the weight and will look nice even after years of use.



Floating surface boxes with flexibility

The deflection ability secures optimal fit on sloped surfaces. The internal fixation of telescopic extension spindles enables height adjustment after installation. The large chamber provides easy access for mounting and demounting of the extension spindle, and the closed design protects the extension spindle against impurities.

The surface boxes are available with square or round surface plate. The body is made of polyamide PA-6 and the surface plate and lid are of ductile iron with black primer. The lids are also available with yellow epoxy coating.



FLOW LIMITORS FOR AUTOMATIC EMERGENCY SHUT OFF



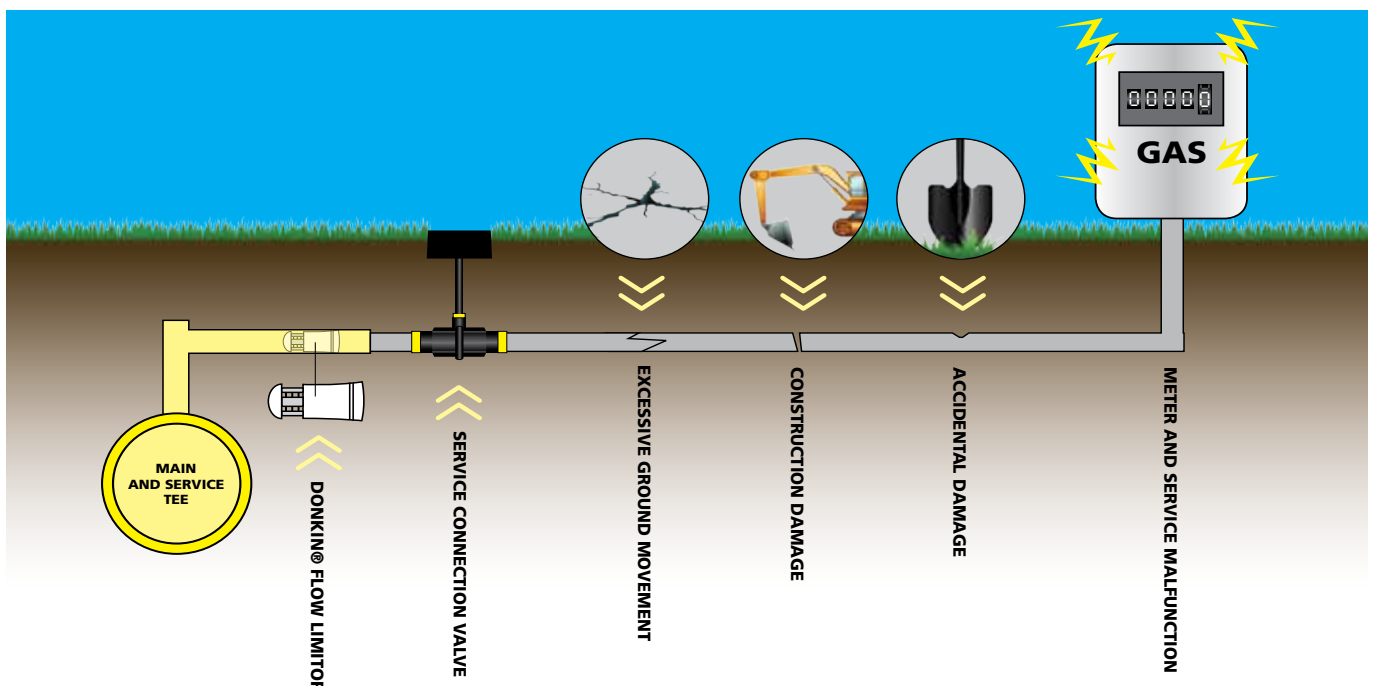
Service line safety

The AVK Donkin® flow limiter is an emergency shut off valve that provides service line safety, service line theft protection and automatic shut off. The lip type flow limiter is applicable for insertion into a 32 mm tapping saddle.

Should gas flow exceed limits, the flow limiter will simultaneously trip and shut off the gas, and will remain closed until repairs have been made. After corrective actions have been taken, a small bleed-by flow enables the service to regain pressure, equalizing the pressure and allowing the unit to reset for normal operation. The flow limiter is DVGW approved.

Features

- Tamper proof and maintenance free.
- Direction of flow indicator permanently moulded into the valve to ensure correct installation.
- Automatic self-acting operation.
- Installation at any angle.
- Bleed-by design provides automatic reset.
- All units are individually tested.



REPAIR CLAMPS FOR QUICK REPAIR OF LEAKAGES



Cost-effective repair

Our repair clamps are used worldwide for repair of leakages and ruptures in pipe systems. The design ensures a cost-effective and reliable solution for quick repairs of steel, cast iron, and ductile iron pipes. The repair clamps may be used for permanent repair of punctures as well as longitudinal and circumferential cracks.

The functional principle of the repair clamp is based on a stainless steel, pre-rolled plate which is clamped around the pipe and fastened with lugs and nuts. The tensile force applied when fastening the clamp is converted to a radial grip on the rubber lining.

Complete range of stainless steel clamps

The range includes a single band clamp with diameters ranging from 48-52 mm to 350-360 mm, a double band clamp ranging from 88-110 mm to 590-610 mm, and a triple band clamp ranging from 270-300 mm to 810-840 mm. Other dimensions are available upon request.

The clamps are available with or without BSP thread, in lengths of 100-900 mm with intervals of 100 mm, and in stainless steel AISI 304 or AISI 316. They are designed with NBR rubber lining, teflon coated A2 bolts, and teflon coated A4 nuts. Clamps for DN 600 to 2000 pipes are also part of the range.



SUPA MAXI™ UNIVERSAL TENSILE COUPLINGS



Innovative design with unique features

AVK offers a complete range of universal tensile couplings comprising straight, step and transition couplings as well as flange adaptors and end caps complying to the EN 14525 standard. Supa Maxi™ sets a new standard with its unique features:

- 10 couplings/adaptors cover DN 50-300
- Fully universal and tensile
- Patented SupaGrip™ sealing support system
- PN 10 in all dimensions
- $\pm 4^\circ$ (8°) angular deflection on each side
- Permanent protection caps provide protection during handling and installation
- Bolts are tightened on the bolt head from the sleeve side, no re-tightening
- Lifting eye in DN 100-300
- Epoxy coating to DIN 30677-2 and GSK
- Gasket of NBR approved for gas
- Temperature range -30°C to $+70^\circ\text{C}$

Cut time on installation

Supa Maxi™ couplings enable $\pm 4^\circ$ (in total 8°) deflection on each side up to a maximum pressure of PN 10.

All items with a weight exceeding 10 kilos are designed with a lifting eye in the sleeve enabling easy and ergonomically safe handling.

Due to the all-metal SupaGrip™ sealing support system, re-tightening of the bolts is not necessary.

During handling, the center piece of the protection cap protects against the sharp grip segments and prevents impurities from settling inside the coupling.



Before tightening



After tightening

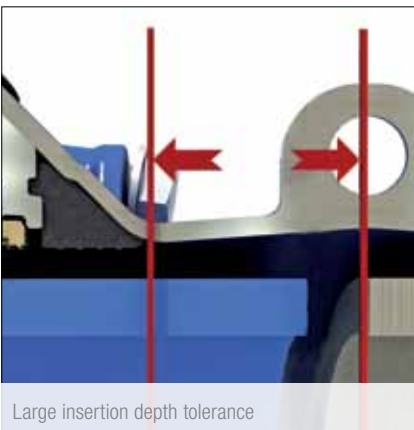


The large insertion depth tolerances allow the pipe to be cut slightly angled and the pipe will not move inwards when tightening the bolts. This gives a simple installation without need for precise adjustment.

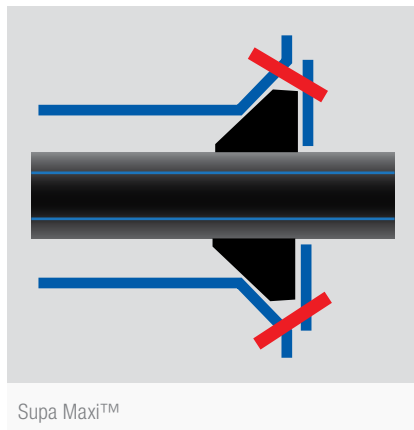
Superiour tightness on all pipe materials

SupaGrip™ provides full support and backup of the gasket even on minimum pipe sizes within the tolerance range and when used on oval pipes. The flexible bracket is designed to contract and follow the external pipe diameter. As a result, it serves as a solid backup for the gasket and enables full deflection.

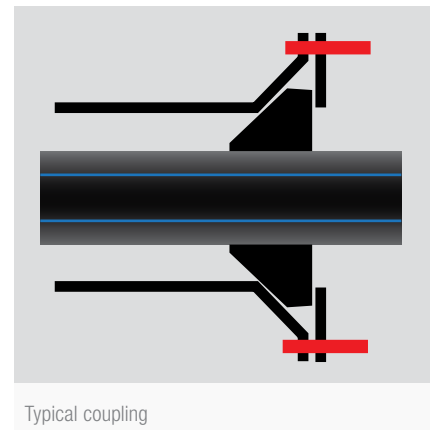
When tightening the bolts, the bracket segments and radially moving bolts move inwards, securing that the gasket tightens around the pipe and that the grip segments clutch the pipe surface.



Large insertion depth tolerance



Supa Maxi™



Typical coupling

GATE VALVES



Series 36/90

Gate valve with
PE ends
DN 65-400
PE 100/PN 10 SDR 11
pipes
Ductile iron
With external
epoxy coating

Options:

- PE 100/PN 10/4 pipes
- external PUR coating



Series 36/90

Gate valve with PE ends
DN 65-400
PE 100/PN 10 SDR 11
pipes

Ductile iron

With external PUR coating

Options:

- ISO top flange



Series 38/90

Gate valve with
flange/PE end
DN 50-200
PE 100 / PN 10 SDR 11 pipe

Ductile iron

With external epoxy coating



Series 46/64

Gate valve with short
spigot ends
DN 50-300
PN 16
GS-C 25 N
With external epoxy
coating

Option:

- external PUR coating



Series 46/70

Gate valve with long
spigot ends
DN 50-600
PN 16
GS-C 25 N
With external PUR coating

Option:

- external epoxy
coating



Series 46/78

Gate valve with long
spigot ends and ISO top
flange
DN 50-400
PN 16
GS-C 25 N
With external PUR coating

Option:

- external epoxy
coating



Series 02/70

Flanged gate valve
Long DIN F5
DN 40-500
PN 10/16
Ductile iron
With external epoxy
coating



Series 06/70

Flanged gate valve
Short DIN F4
DN 40-600
PN 10/16
Ductile iron
With external epoxy
coating



Series 15/78

Flanged gate valve with
ISO top flange
DN 50-400
PN 10/16
Ductile iron
With external PUR coating

Option:

- external epoxy
coating



Series 36/9X

Service connection valve
with PE ends
DN 25-50
PE 100 / PN 10 or 4 pipes
Ductile iron
With external epoxy
coating

Options:

- external PUR coating



Series 03/25

Service connection valve
with internal thread
DN 25-50
PN 4
Ductile iron
With external epoxy
coating

BALL VALVES, BUTTERFLY VALVES AND COUPLINGS



Series 85/50
Ball valve with spigot ends
DN 16/Ø20 mm -
DN 150/Ø180 mm
PN 10
PE 100

Options:
• lever



Series 85/50
Ball valve with spigot ends
With stem extension
DN 50/Ø63 mm -
DN 150/Ø180 mm
PN 10
PE 100



Series 85/50
Ball valve with spigot ends
With stem extension and
2 purge points
DN 50/Ø63 mm -
DN 150/Ø180 mm
PN 10
PE 100

Options:
• stem extension
and 1 purge point



Series 75/11
Wafer butterfly valve,
centric with fixed liner
DN 50-600
PN 10/16
Ductile iron



Series 75/31
Semi-lug butterfly valve,
centric with fixed liner
DN 50-300
PN 10/16
Ductile iron

Options:
• full lug



Series 75/20
Double flanged short
butterfly valve, centric
with fixed liner
DN 50-600
PN 10/16
Ductile iron

Options:
• double flanged long



Series 631/70
Supa Maxi™ universal
tensile straight coupling
DN 50-300
PN 10
Ductile iron



Series 632/70
Supa Maxi™ universal
tensile step coupling
DN 50-300
PN 10
Ductile iron



Series 633/70
Supa Maxi™ universal
tensile flange adaptor
DN 40-300
PN 10
Ductile iron



Series 634/70
Supa Maxi™ universal
tensile end cap
DN 50-300
PN 10
Ductile iron



Series 635/70
Supa Maxi™ universal
tensile transition coupling
DN 50-300
PN 100/PN 4 SDR 17
pipe
Ductile iron

Options:
• PN 100/PN 10 SDR 11
pipe

SURFACE BOXES AND SUPPORT TILES



Series 80/31
Surface box "Futura" for gate valves
Fixed height
Body of PA+
Lid of yellow PA

- Options:
- lid of cast iron or black PA
 - for pavement



Series 80/32
Surface box "Futura" for service connection valves
Fixed height
Body of PA+
Lid of yellow PA

- Options:
- lid of cast iron or black PA
 - for pavement



Series 80/33-01
Surface box for service connection valves to DIN 4059
Fixed height
Body of PA+
Lid of cast iron



Series 80/33-02
Surface box for service connection valves to DIN 4059
Height adjustable
Body of PA+
Lid of cast iron



Series 80/33-03
Surface box for service connection valves
Height adjustable
Reinforced rim
Body of PA+
Lid of cast iron



Series 80/34-01
Surface box for gate valves to DIN 3581
Fixed height
Body of PA+
Lid of cast iron



Series 80/34-02
Surface box for gate valves to DIN 3581
Height adjustable
Body of PA+
Lid of cast iron



Series 80/34-03
Surface box for gate valves to DIN 3581
Height adjustable
Reinforced rim
Body of PA+
Lid of cast iron



Series 80/35
Surface box for gate valves to DIN 3581
Fixed height
Body of PA+
Lid of cast iron

- Options:
- height adjustable



Series 80/36
Surface box for gate valves to DIN 3583
Body of PA+
Lid of cast iron

- Options:
- synthetic lid
 - to DIN 3584



Series 80/46
Support tile for surface boxes for gate valves and service connection valves
With spindle fixation
PA+

- Options:
- without spindle fixation
 - for surface boxes 80/36 and 80/37



Series 80
Top frame for surface boxes for gate valves and service connection valves
PA+

EXTENSION SPINDLES, FLOW LIMITORS AND REPAIR CLAMPS



Series 04/05
Extension spindle for
service connection valves
Fixed length
DN 25-50
Pipe cover 800-3000 mm



Series 04/07
Extension spindle for
service connection valves
Telescopic
DN 25-50
Length 450-700 to 1700-
2900 mm



Series 04/02
Extension spindle for gate
valves
Fixed length
DN 40-400
Pipe cover 800-3000 mm



Series 04/04
Extension spindle for
gate valves
Telescopic
DN 50-600
Length 450-700 to
2850-5250 mm



Series 04/F-31
Extension spindle for
PE ball valves
Telescopic
DN 25-150
Length 450-700 to
2850-5250 mm



Series 310
Flow limiter for emergency
shut-off
HDPE
Inlet pressure 75 Mbar-
5 bar



Series 729/10
Repair clamp
Single
With "fingers"
Stainless steel AISI 304

Options:
• AISI 316
• BSP thread



Series 729/20
Repair clamp
Double
With "fingers"
Stainless steel AISI 304

Options:
• AISI 316
• without thread
• with flange



Series 729/30
Repair clamp
Triple
With "fingers"
Stainless steel AISI 304

Options:
• AISI 316
• without thread
• with flange



Series 729/8
Repair clamp for large
diameter pipes
DN 600-2000
Stainless steel AISI 304

Options:
• AISI 316

AVK International A/S

Bizonvej 1
Skovby
8464 Galten
Denmark

Tel.: +45 8754 2100
Fax.: +45 8754 2120
sales@avk.dk
www.avkvalves.eu

2014-04-24
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