



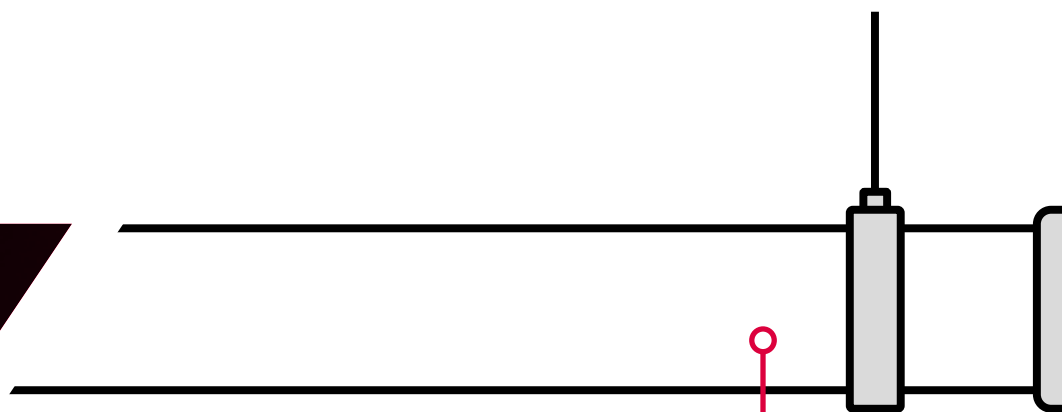
integrated  
piping systems

## VSH Shurjoint



Aalberts integrated piping systems

don't just buy  
products,  
buy solutions.



piping technology

# we are Aalberts integrated piping systems

Aalberts integrated piping systems engineers the most advanced integrated piping systems for the distribution and control of liquids and gases for key verticals, like industrial, utilities, commercial and residential. We offer fully integrated piping systems in valve, connection, fastening and piping technology. We work hand-in-hand with our customers to create the perfect integrated piping system, that meets their requirements. Our piping systems are easy to specify, install, control and maintain, saving important preparation and installation time. We meet the highest quality and industry standards needed in the selected verticals. We are the only business that truly offers its customers a single sourced and complete integrated piping solution, each and every time.

**Don't just buy products, buy solutions.**

## our mission

With our integrated piping systems, supported by the unique Aips Digital Design Service, we ensure that you will always get the best and easiest solution for the installation of an integrated piping system. From the moment that your plan is being sketched out on the digital drawing board, you can get advice on complete and tailored solutions. With the Aips Revit Plug-in you have digital access to the complete product offering within Aalberts integrated piping systems. This information is always accessible and up to date, allowing the design of an optimal and economically attractive installation that will meet all your demands. So whether the task is project conception, installation, or on-going maintenance, we are the company that truly delivers a complete system and service offering. Our know-how, our can-do attitude, and our relentless innovation come as standard. We will sweat the small stuff in our quest to find the perfect solutions, even if we have to invent them.

**This is how we deliver excellence.**

## our way of working

We operate from various regions around the globe: America, United Kingdom, Middle East, Asia Pacific and Europe. As we have multiple locations in many countries, we are always close to our customers. More than 3500 mission critical employees are persistent to offer the best integrated piping system. They work on our products, solutions and services every day. No matter how big the opportunity is, when we say we've got this, we won't let go until there is nothing left to learn. We improve ourselves by exchanging knowledge and experience to stay ahead of our competitors.

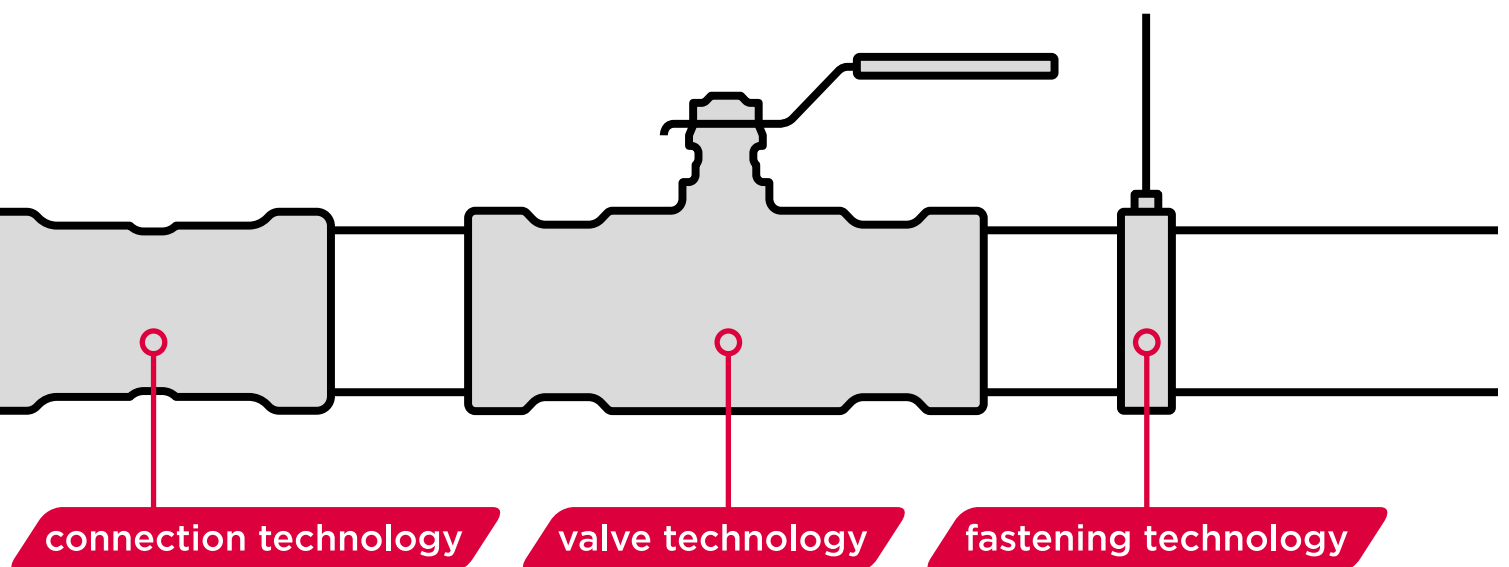
**Good is never good enough.**

With our sustainable spirit we contribute to circularity every single day. This belief is strongly linked to the way we do business. Rethink, reduce and recycle. We are entrepreneurial and take ownership in everything we do. We are convinced that self-development and diversity is essential.

**The Aalberts way, winning with people.**

## the strength of Aalberts integrated piping systems

- the perfect solution for every project
- smart, fast and efficient installation
- valuable advice from the drawing board to delivery
- a very wide product range



For more information about Aalberts integrated piping systems, go to [www.aalberts-ips.eu](http://www.aalberts-ips.eu)

# Aalberts integrated piping systems connect: our systems are easy to combine with each other

Aalberts integrated piping systems is the combination of different companies with a strong legacy in their markets. The individual brands are well-known and each represents a long history. Together they offer the best integrated piping system for now and in the future.

## Connection technology

### VSH

VSH has been supplying quality products for 90 years and delivers piping systems and fittings throughout the world. In the 1970's VSH brought the well-known VSH Super compression fitting on the market which is still a best-seller, followed by the VSH XPress pressfitting, a technology that makes it possible to realize a connection even faster and more reliable.

### Shurjoint

The history of Shurjoint dates back to 1974, when the founders produced their first grooved couplings. These first couplings were produced from malleable iron, the casting material of choice at this time. Shurjoint is recognized as a world leader in the design and manufacture of mechanical piping components.

## Valve technology

### Apollo

Apollo Valves has been supplying the commercial and industrial valve markets since 1928. The valves, with their signature yellow handles, are designed and manufactured in their state-of-the-art facilities in the Carolinas, USA. Apollo's vertical manufacturing integration assures better quality control, better cost control, and the shortest delivery lead times possible for their range of ball valves, automation products, safety relief valves, backflow preventers and plumbing/heating products

### VSH SudoPress



material	carbon steel / stainless steel / copper
suitable for	steel / stainless steel / copper
connection	press / V-profile
dimensions	12 - 108 mm (DN10 - DN100)

### VSH MultiPress



material	PPSU / brass
suitable for	multilayer tube
connection	press / U & TH profile
dimensions	14 - 63 mm (DN10 - DN50)



## Aalberts integrated piping systems range

We offer a series of product ranges that:

- connect seamlessly
- are available in dimensions from 6 mm up to 104" (DN2600)
- can be used for thick-walled pipe and thin-walled metal or plastic tube
- have press, compression, groove and push connections
- can be expanded with valves and accessories
- are BIM ready

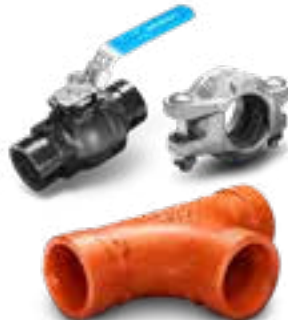


### VSH PowerPress®



material	carbon steel
suitable for	thick-walled steel
connection	press / DW-profile
dimensions	½" - 2" (DN15 - DN50)

### VSH Shurjoint



material	ductile iron / stainless steel
suitable for	thick-walled steel / stainless steel / HDPE
connection	groove
dimensions	½" - 104" (DN15 - DN2600)

### VSH XPress



material	carbon steel / stainless steel / copper / unifer
suitable for	steel / stainless steel / copper / unifer
connection	press / M-profile
dimensions	12 - 108 mm (DN10 - DN100)

### VSH Super



material	brass
suitable for	steel / stainless steel / copper / multilayer tube
connection	compression
dimensions	6 - 54 mm (DN4 - DN50)

### VSH Tectite



material	brass / stainless steel / copper
suitable for	steel / stainless steel / copper
connection	push
dimensions	10 - 54 mm (DN8 - DN50)

### Apollo ProFlow



material	brass / ductile iron
suitable for	steel / stainless steel / copper / multilayer tube
connection	threaded / press / flange
dimensions	DN15 - DN300

# VSH Shurjoint: the perfect solution for connecting large sizes

VSH Shurjoint is a quality grooved piping system that makes it much easier to connect elements than with conventional joining techniques. It is less labour-intensive, safer and cleaner, and the connections are of a consistently high quality. Most importantly, it is much faster than welding and fitting, meaning that VSH Shurjoint significantly cuts down on installation time and saves money in the process.

## **seamless connection to press systems**

The wide range of transition couplings ensures a simple transition and connection. For example, the grooved/press transition coupling is perfect for easily connecting VSH Shurjoint to VSH XPress or VSH PowerPress® (for thick-walled steel pipe). This allows systems to be installed from 12 mm to 104”.





## the added value of VSH Shurjoint

- better job site safety - no welding required
- systems for steel, stainless steel, PVC and PE pipes
- very wide product range
- dimensions from ½" to 104" (DN15 - DN2600)
- design service, cost comparisons and thermal movement analysis
- fully compatible with other Aips-systems
- demountable





**VSH Shurjoint Grooved**

Available from ½" to 42".

Typical application areas:

- heating systems
- cooling systems
- compressed air systems
- potable water systems
- sprinkler systems
- dry fire mains



# VSH Shurjoint: a complete groove system including valves

VSH Shurjoint has proven itself in a wide range of applications for more than 40 years. The system is ideal for commercial and industrial applications. The range consists of more than 6,000 individual products, including couplings, fittings, flanges, valves and mechanical tees.



## VSH Shurjoint Ring Joint

Available from 6" to 104".

Typical application areas:

- difficult-to-groove pipe systems
- abrasive media, slurry and wastewater pipes
- tunneling projects
- high-pressure mine shaft pipes



## VSH Shurjoint Plain-End

Available from 2" to 20".

Typical application areas:

- HDPE pipes with plain ends
- temporary piping
- locations where grooving machines are not available
- abrasive media, slurry and wastewater pipes



## VSH Shurjoint valves

VSH Shurjoint valves are preferably used in heating and cooling systems. The range consists of a wide variety of products with VSH Shurjoint groove connections, such as:

- ball valves
- butterfly valves
- y-strainers
- check valves



# VSH Shurjoint: unparalleled application potential

## **potable water**

VSH Shurjoint offers a wide range of stainless steel (AISI304 & AISI316) products. The portfolio includes a specific E-PW gasket for potable water that can be recognised by its double green stripe. This gasket is suitable for both cold and hot potable water.

## **heating**

VSH Shurjoint's large radial flexibility often eliminates the need for expansion joints. A full range of valves and accessories is available, including butterfly valves, ball valves, non-return valves, suction screens and strainers.

## **cooling**

Many cooling installation manufacturers are already making their equipment with grooved connections instead of flanges. This underlines the fact that grooved technology is becoming the preferred connection method for large-scale cooling water systems.

## **compressed air**

VSH Shurjoint products can be used for oil-based and oil-free compressed air systems. We offer both EPDM and nitrile seals depending on the application.

## **sprinkler**

VSH Shurjoint products are widely used for sprinkler systems around the world. Our pre-lubricated gaskets make clean working possible and our products hold numerous approvals, including FM, UL, ULc, VdS and LPCB.

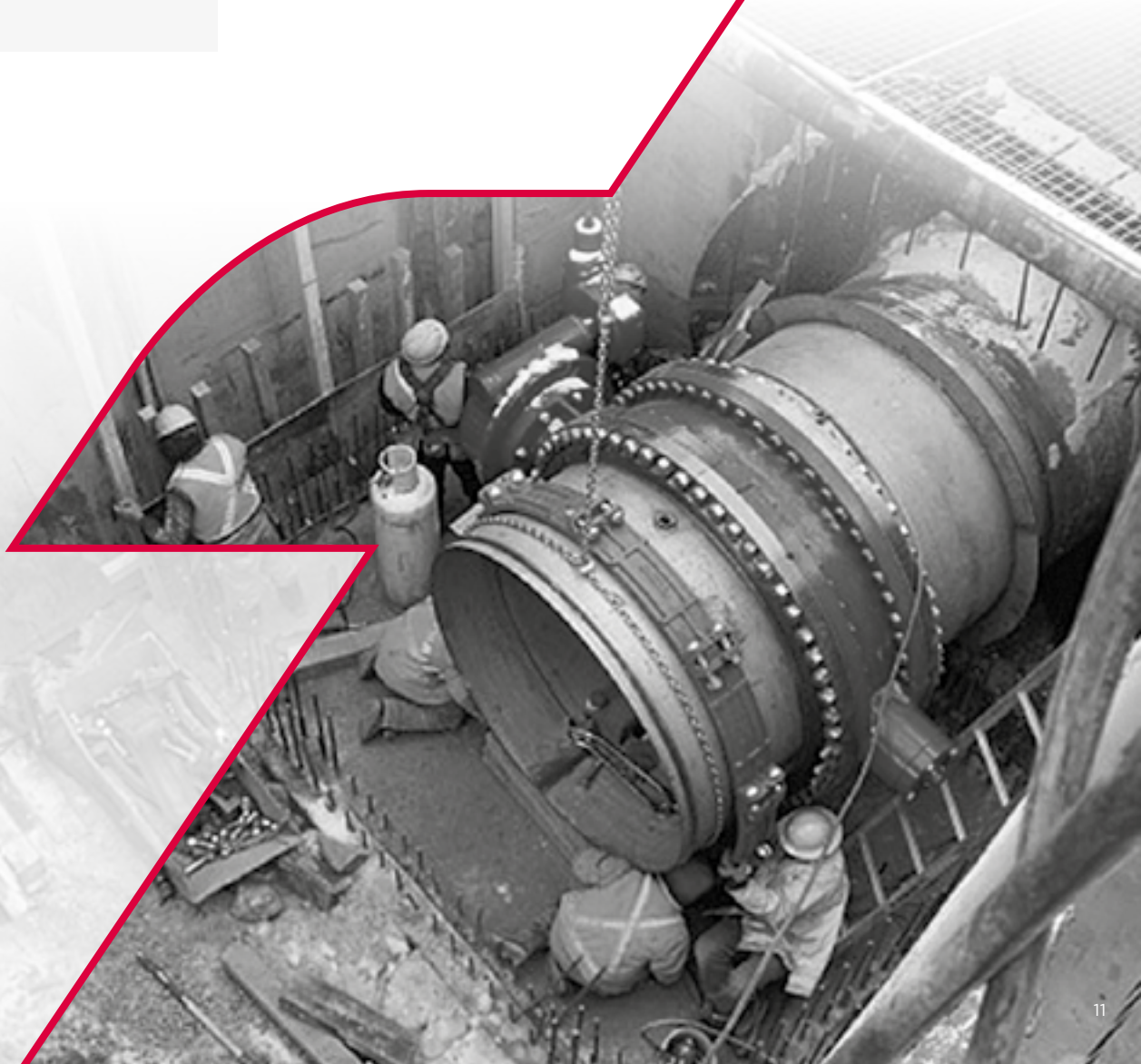
Detailed information on the practical applications of VSH Shurjoint can be found in the technical manual and at [www.aalberts-ips.eu/vsh-shurjoint](http://www.aalberts-ips.eu/vsh-shurjoint).

# excellent in fire protection

Aalberts integrated piping systems has a product range specifically designed for the fire protection market. VSH Shurjoint is suitable for use in both wet and dry fire protection systems. The products comply with national and international approval standards.

VSH Shurjoint can  
also be used in

- industry
- commercial construction
- mining



more information?

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For a complete and up-to-date product range and our additional services, visit: [www.aalberts-ips.eu](http://www.aalberts-ips.eu)

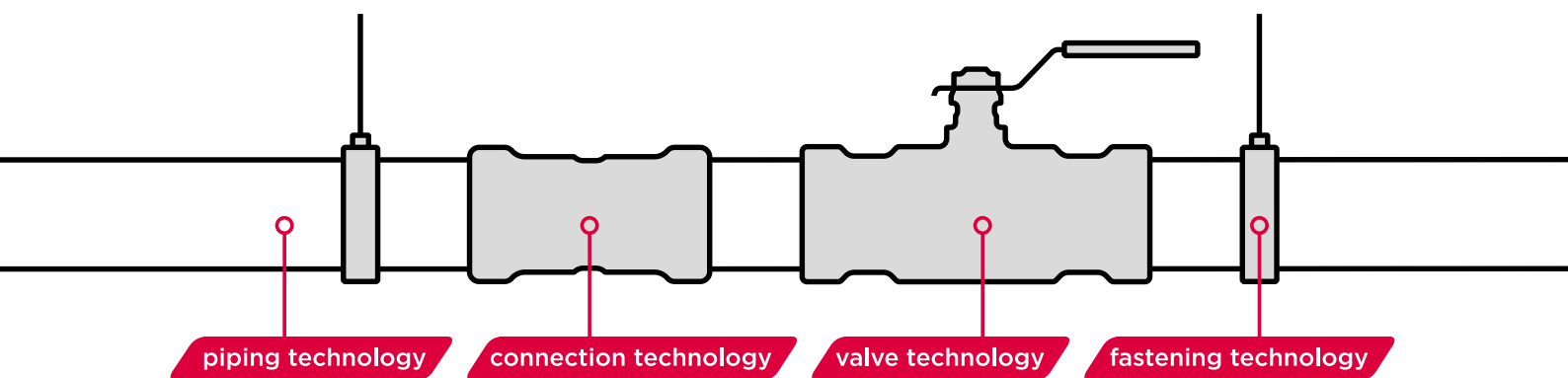
Would you like to make an appointment to meet an account manager in your region or receive advice and support from one of our experts?

Please contact:

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