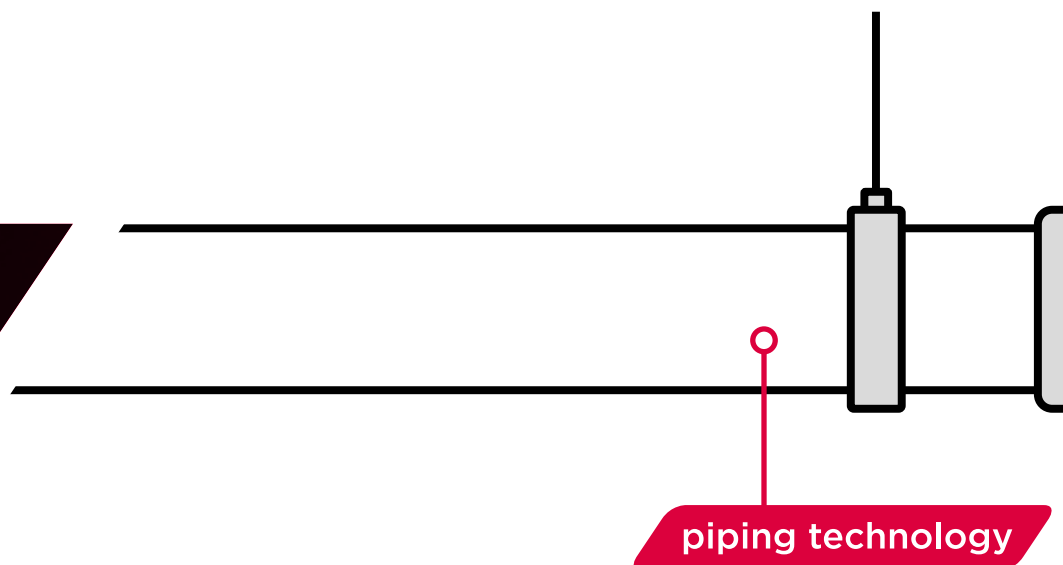


VSH XPress



Aalberts integrated piping systems

don't just buy
products,
buy solutions.



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 or 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.

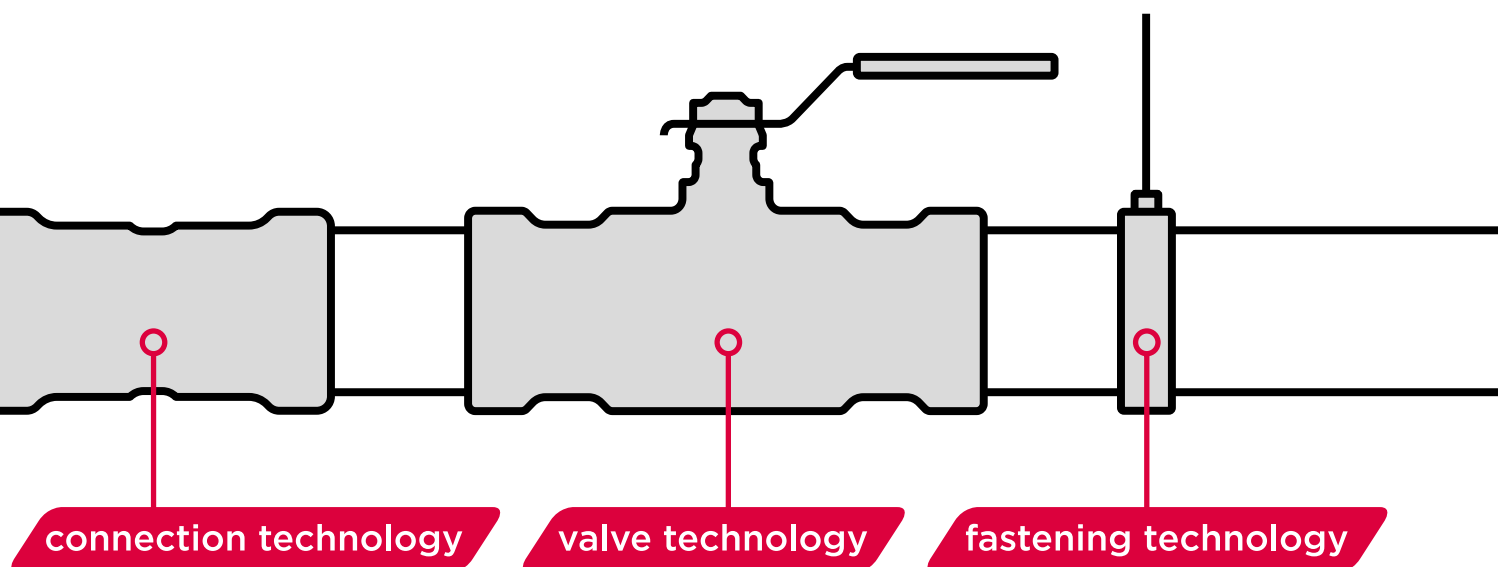
Good is never good enough.

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



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 / cunifer
suitable for	steel / stainless steel / copper / cunifer
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 XPress, the complete M-profile piping system

VSH XPress is a complete piping system that is suitable for every conceivable application – from potable water, gas, heating and solar installations to sprinkler systems. The range consists of M-profile press fittings, valves, tubes and press tools, and is available in carbon steel, stainless steel, copper and cunifer. With a complete range of dimensions (from 12 to 108 mm, including intermediate sizes 64 and 66.7 mm), VSH XPress is easy to use anywhere.

seamless combinations

The wide range of transition couplings allows for easy transitions and connections, enabling systems from 12 mm to 104" to be built. For example, a grooved transition coupling is perfect for easily connecting VSH Shurjoint to VSH XPress. It is also possible to connect to thick-walled steel pipes with the transition coupling to the VSH PowerPress®.





convenient installation,
time savings and safety are
the top priorities

- available in 4 different materials
- a wide range from 12 to 108 mm, including unique intermediate sizes 64 and 66.7 mm
- clear identification of materials and dimensions
- quick installation thanks to pre-marked insertion depths
- more security with the Leak Before Pressed function
- matching professional press tools
- fully compatible with other Aips-systems





VSH XPress Carbon

Particularly suitable for heating systems, but can also be used in:

- wet sprinkler systems
- cooling water installations (closed loop)
- compressed air installations.

VSH XPress fittings; in 4 materials, from 12 to 108 mm

With the VSH XPress system, all fittings are equipped with a Leak Before Pressed (LBP) function. This is achieved both by a special o-ring and the design of the fitting.

The LBP function ensures that unpressed fittings will leak during the initial pressure test.

Once pressed, the system is guaranteed airtight and watertight.



VSH XPress Copper

Particularly suitable for potable water and gas installations, but also for:

- heating installations.
- cooling water installations
- district heating
- compressed air installations.
- solar energy and fuel oil systems



VSH XPress Stainless

Particularly suitable for potable water installations, but can also be used in:

- heating installations.
- cooling water installations
- wet and dry fire mains
- sprinkler or water mist systems
- treated water installations
- industrial applications
- compressed air installations.
- steam systems



VSH XPress Cuni

Designed for the marine and offshore industry and well suited for salt and brackish water installations, including:

- saltwater transport systems
- saltwater cooling systems
- ballast water systems
- sanitary grey and black wastewater
- fire protection

VSH XPress valves

VSH XPress is a good example of a complete piping system due to its wide range of valves. Thanks to their reliable, seamless connection to the VSH XPress system, they can be used in any installation. The impressive number of national and international approval ratings are a testament to the high quality.



VSH XPress ball valve



VSH XPress ProFlow
PICV balancing valve



VSH XPress FullFlow Carbon
ball valve



VSH XPress FullFlow Stainless
ball valve with extended stem

VSH XPress applications



potable water

With a VSH XPress system, you can be confident of compliance with all applicable standards for open and closed water and potable water systems. All system components are available in stainless steel and copper and are fully corrosion resistant, even when exposed to demineralised or distilled water.

heating and cooling

VSH XPress is the best solution for heating and cooling systems. The products undergo the most stringent tests during the production process and are absolutely leak-proof. Thanks to their design and the production process, the fittings have smooth interior profiles. As a result, they have very low flow resistance and the installation is quiet. The compact fittings are very easy to insulate.

natural gas

The VSH XPress product range includes specific high-quality products for a very wide variety of gas systems. They are available in stainless steel and copper and have all the essential approval ratings, including DVGW, SVGW and Gastec. VSH XPress gas fittings are easily recognisable by their yellow marking and yellow o-ring.

steam

VSH XPress Stainless is particularly suitable for low-pressure steam piping systems. Steam up to 120°C can even be installed with VSH XPress Stainless using the standard EPDM o-ring. A special (grey) FPM o-ring is suitable for high-temperature steam.



compressed air

VSH XPress Carbon, Stainless and Copper are ideal for compressed air installations. Different types of o-rings are used depending on the water and oil content. If the compressed air contains mineral or vegetable oil, HNBR or FPM o-rings must be used. EPDM o-rings can only be used for synthetic oil or dry compressed air.

solar

The entire VSH XPress system is equipped with EPDM o-rings that can withstand very high temperatures. If even higher temperatures are involved, choose VSH XPress products with special FPM o-rings.

sprinkler

Our VSH XPress system is certified for sprinkler and low pressure water mist installations and is suitable for fixed sprinkler installations. Since VSH XPress Sprinkler is approved as a system, the use of approved combinations of fittings, tubes and tools is mandatory.

More information and the technical manual for VSH XPress can be found at www.aalberts-ips.eu/vsh-xpress



VSH XPress, excellent for commercial and residential construction

In the building sector in particular, the quality, reliability and safety of VSH XPress sets it apart from other piping systems. In addition, the scope of applications for VSH XPress in large-scale and small-scale building projects (residential, commercial or industrial) is unparalleled. In heating, cooling, potable water, gas, and sprinkler systems, VSH XPress excels in every building.

VSH XPress can
also be used in

- industry
- shipbuilding
- offshore

The comprehensive solution for fire protection

the power of VSH XPress in fire protection

- fast and clean
- easy installation
- lightweight system
- cost-saving

Fire safety is becoming more and more important. At the same time, the amount of time available to fitters on the construction site is constantly shrinking. In other words: you are expected to deliver quality and safety in less time.

The VSH XPress system is an easy, quick-to-install complete solution for dry mains as well as for direct mains-fed sprinklers or water mist/sprinkler systems. The system has all the required approval ratings, so quality, safety and durability are assured.



more information?

For a complete and up-to-date product range and our additional services, visit: www.aalberts-ips.eu

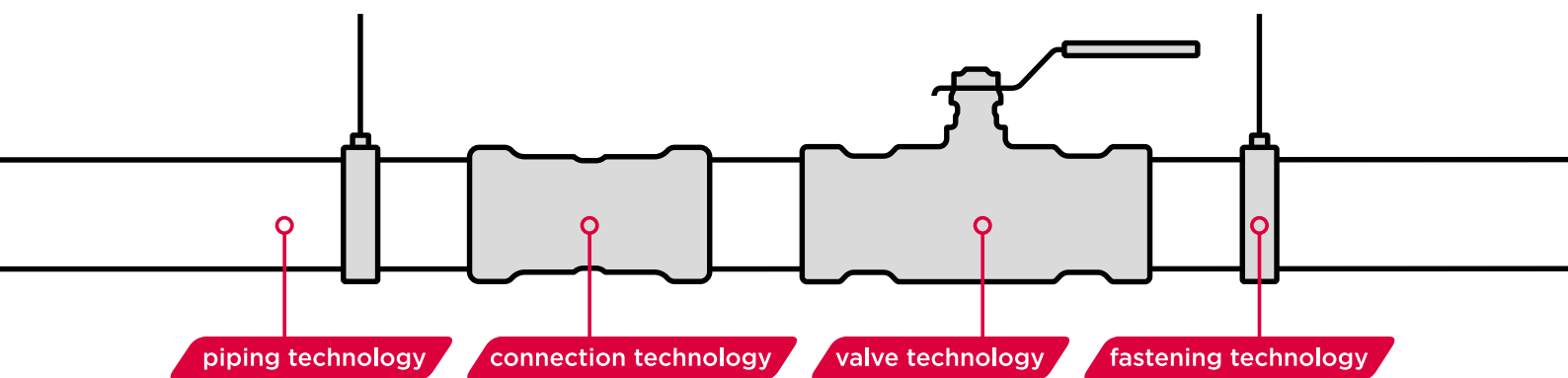
Would you like to make an appointment to meet an account manager in your region or receive advice and support from one of our experts?

Please contact:

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