



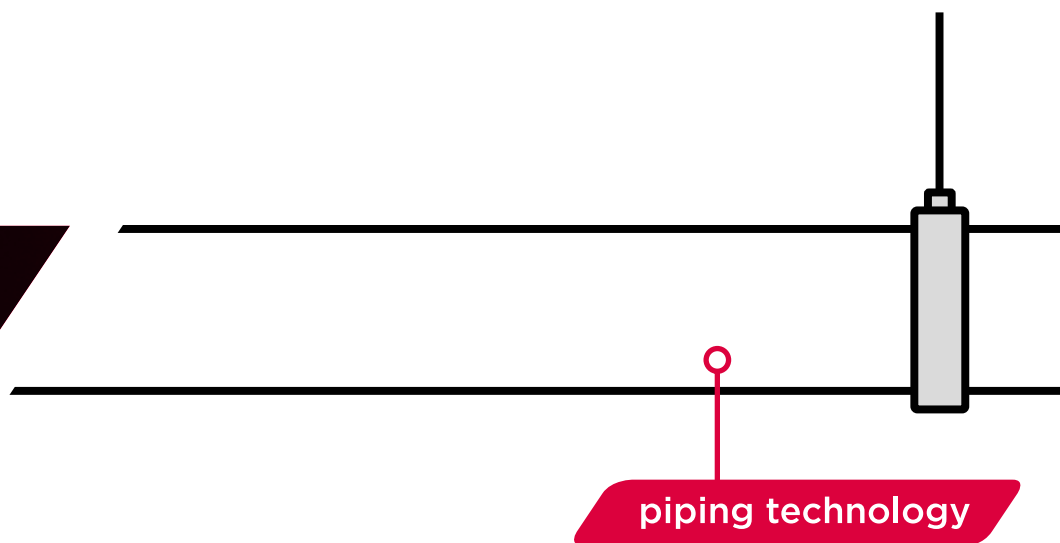
integrated
piping systems

VSH PowerPress®



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.

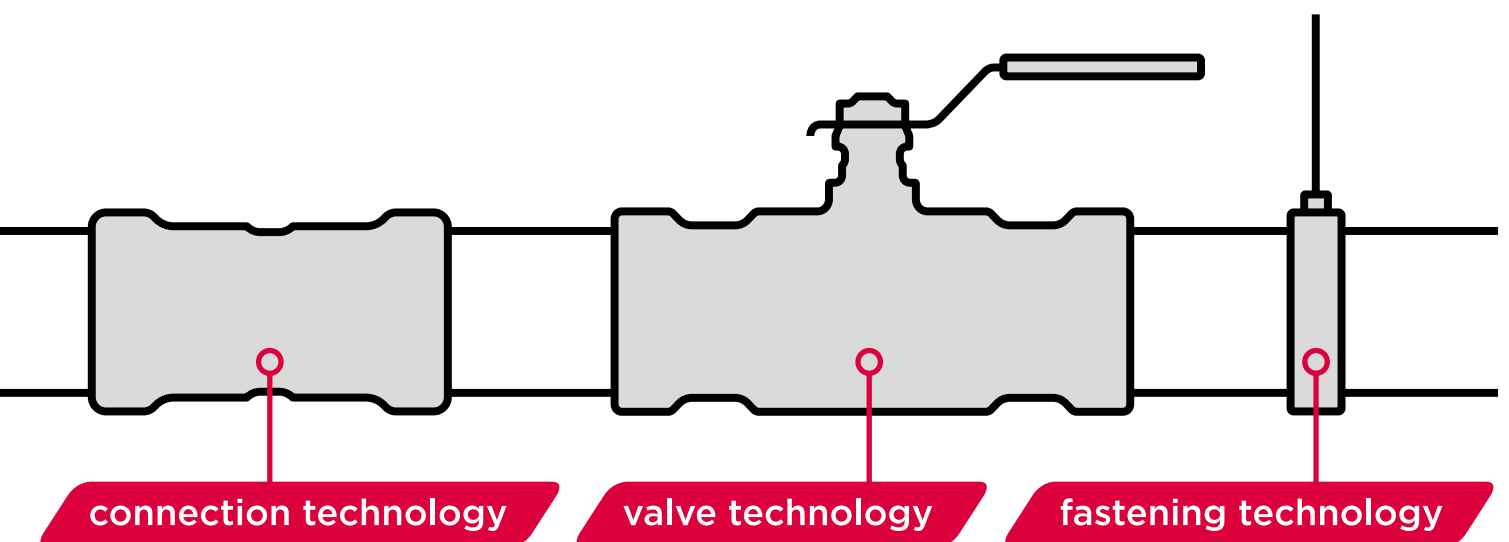
Good is never good enough.

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 PowerPress®



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

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 XPress



material	carbon steel / stainless steel / copper / unifer
suitable for	steel / stainless steel / copper / unifer
connection	press / M-profile

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 Shurjoint



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

VSH Super



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

Apollo ProFlow



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

VSH MultiPress



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

VSH UltraLine



material	PPSU / brass / PVDF
suitable for	plastic
connection	sliding sleeve
dimensions	14 - 32 mm (DN10 - DN25)

VSH Tectite



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

VSH PowerPress®: the world's most comprehensive thick-wall press system

VSH PowerPress® is a complete press piping system that allows you to install complete heating, cooling, natural gas, compressed air and sprinkler installations with thick-walled tubes. The range consists of ½" to 2" DW profile press fittings, valves and tools. Transition couplings make it easy to combine thick-wall systems with thin-wall systems such as VSH XPress and VSH SudoPress.

double safety

With VSH PowerPress® systems, the tool is what ensures connection quality, not the installer. This significantly reduces the risk of installation errors.

All fittings are equipped with a Leak Before Pressed (LBP) function, further reducing the risk of installation errors. With the LBP function, when you perform a pressure test you can immediately see which fitting has not been pressed.

All fittings also have a Visu-Control® ring that breaks away from the fitting during pressing. This makes unpressed fittings immediately visible, so they don't have to be marked as pressed afterwards, saving considerable time. The Visu-Control® ring also gives a direct indication if you are working with water (red) or gas (yellow) fittings.





faster, simpler and safer connection of thick-walled pipe systems

- Visu-Control® ring and Leak Before Pressed function
- immediate identification of material and dimensions
- ZnNi coating for excellent corrosion resistance
- clever serrations on the stainless steel grip ring for maximum dependability
- complete piping system from ½" to 2"
- installation with safe, lightweight battery-powered tools
- FM approval on fittings, suitable for wet sprinkler systems
- compatible with VSH XPress, VSH SudoPress, VSH Shurjoint and more





The most comprehensive thick-walled press system

With VSH PowerPress®, you have a complete package of fittings and valves that always gives you a solution for a wide variety of situations. The Visu-Control® ring on the fitting shows you right away whether the connection has been pressed properly. The remaining ring also keeps dirt out of the joint between the fitting and the tube. The VSH PowerPress® ball valve has a smart lever equipped with interchangeable inserts, meaning you can easily spot the supply and return lines, as well as an integrated blocking function. The entire VSH PowerPress® package is designed to minimise error costs and make life as easy as possible for the installer.



VSH PowerPress® fittings

VSH PowerPress® fittings are particularly suitable for use in heating installations, and also for:

- cooling water installations
- compressed air installations
- sprinkler installations



VSH PowerPress® Gas fittings

Particularly suitable for natural gas installations, but also for:

- compressed air installations
- industrial applications



VSH PowerPress® valves

VSH PowerPress® valves are ideal for use in heating and cooling systems.

The range consists of a variety of products with VSH PowerPress® connections, such as:

- ball valves
- balancing valves
- gate valves
- Y strainers
- check valves



heating



cooling



compressed air



sprinkler



natural gas

VSH PowerPress®: an unprecedented range of applications

heating and cooling

VSH PowerPress® is the best solution for heating and cooling systems. The products undergo very stringent tests during production and are absolutely leak-proof. Because of their design and the production process, the fittings have smooth interior profiles. This means they have very low flow resistance and the installation is quiet. The compact fittings are very easy to insulate.

compressed air

VSH PowerPress® is ideal for use in oil-free compressed air installations. The EPDM O-rings are ideal for use in compressed air installations with dry compressed air. When the compressed air contains mineral or vegetable oils, VSH PowerPress® Gas fittings with HNBR o-rings can be used.

sprinkler

VSH PowerPress® has FM sprinkler approval, making it suitable for wet sprinkler installations. With the combination of VSH PowerPress® and VSH Shurjoint grooved couplings, you can install sprinkler installations of any size, from small to very large.

natural gas

The VSH PowerPress® product range includes specific high-quality products for a very wide variety of gas systems. They have all the essential approval ratings, including DVGW, BSI and Gastec. VSH PowerPress® Gas fittings are easily recognisable by their yellow Visu-Control® and o-ring.

More information about VSH PowerPress® and the technical manual can be found at www.aalberts-ips.eu/products/vsh-powerpress

excellent in residential, commercial and industrial buildings

VSH PowerPress® can easily be combined with VSH XPress, VSH SudoPress and VSH Shurjoint. This makes these products ideal for use in diverse sectors, both in new build and renovation projects. The systems can be seamlessly connected with special adapter couplings. The ZnNi coating gives them excellent corrosion resistance, and they also feature LBP and Visu-Control®.

VSH PowerPress® can
also be used in

- fire protection
- industry

more information?

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

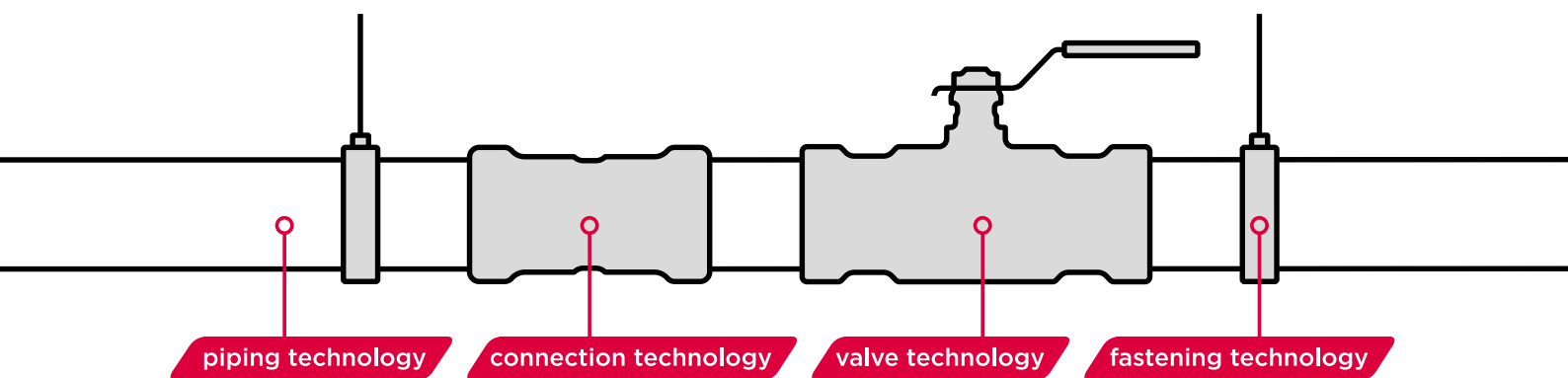
Would you like to make an appointment to meet an account manager in your region or receive advice and support from one of our experts?

Please contact:

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