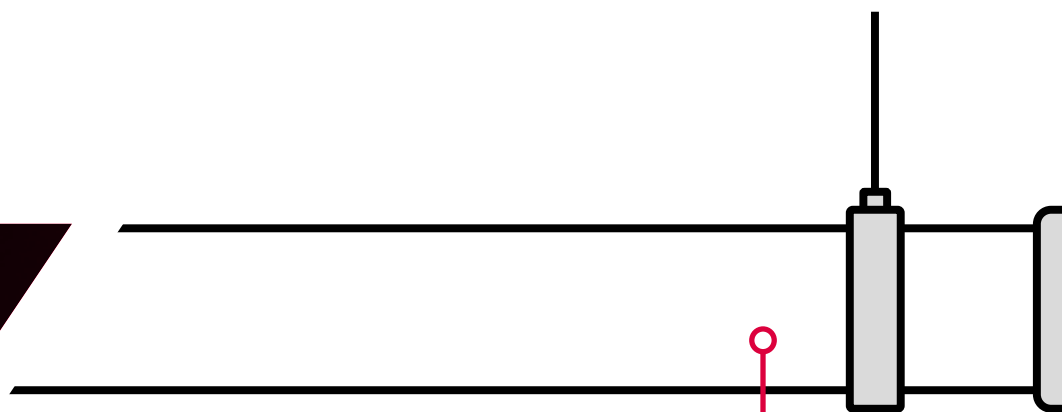


## VSH SudoPress



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 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.

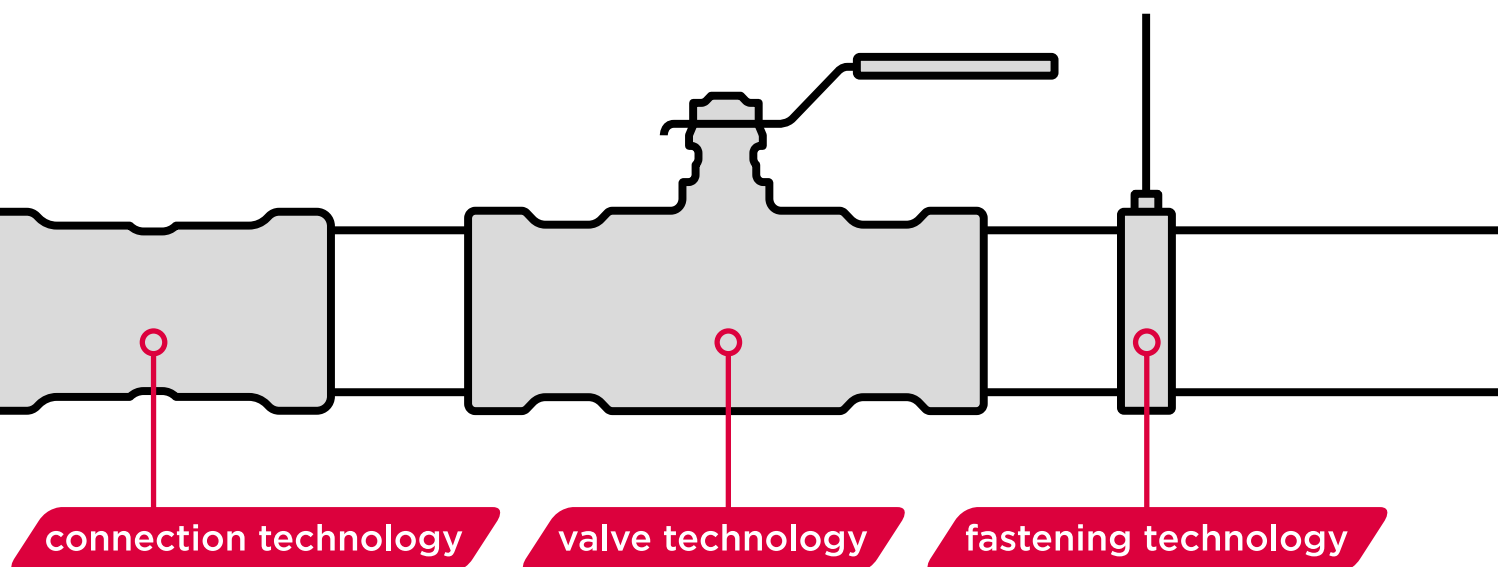
**Good is never good enough.**

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



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



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 SudoPress: a complete piping system with double safety

VSH SudoPress is a complete piping system suitable for a wide range of applications: from potable water, gas, heating and solar installations to cooling water and compressed air systems. The range consists of V-profile press fittings, accessories, tools and tubes, and is available in carbon steel, stainless steel and copper. Convenient installation and double safety are top priorities.

## double safety

The **Leak Before Pressed** function shows you at a glance which fittings have not been pressed. Thanks to the special o-ring, water flows out of unpressed fittings when the system is pressurised. This gives you an extra check to avoid consequential damage and always delivers a fully leak-tight system.

Leak Before Pressed + Visu-Control® =  
double safety!

**Visu-Control®** is a supplementary safety feature on VSH SudoPress fittings which enables a visual and tactile check to be made in addition to the Leak Before Pressed function. After pressing, simply remove the Visu-Control® ring from the fitting to see at a glance whether the fitting has been pressed. This also eliminates the need to mark pressed fittings afterward.

## transition to other VSH systems

Transitions to threaded or compression are also possible. Various transition couplings are available for VSH SudoPress for easy transition to other systems.





## The advantages of VSH SudoPress:

- convenient installation, time savings and safety are top priorities
- double safety with Visu-Control® ring and Leak Before Pressed function
- simple, fast connection technology
- complete piping system (carbon steel, stainless steel and copper)
- fittings and tubes from 12 to 108 mm
- handy, matching press tools
- fully compatible with other Aips-systems
- wide range with many local approvals





#### **VSH SudoPress Stainless**

Especially suitable for potable water installations. Also suitable for:

- heating installations
- industrial water installations
- treated water installations
- cooling water installations (closed or open loop)
- compressed air installations





# press fittings in three materials, including accessories



## VSH SudoPress Carbon

Especially suitable for heating systems. Can also be used for:

- household and industrial cooling water systems (closed loop)
- compressed air installations
- heat pump systems



## VSH SudoPress Copper and Copper Gas

Particularly suitable for potable water and gas installations. Can also be used for:

- heating installations
- cooling water installations (closed or open loop)
- district heating
- compressed air installations



## VSH SudoPress Copper Solar

Especially suitable for solar installations. Can also be used for:

- oil
- compressed air installations
- industrial applications



potable water



heating



cooling



natural gas



compressed air



solar

# VSH SudoPress: an unprecedented range of applications

## potable water and process water

With a VSH SudoPress system, you meet all required standards for potable water systems. All system components are available in stainless steel and copper and are fully corrosion resistant.

## heating and cooling

VSH SudoPress is the perfect solution for heating and cooling systems. Due to the use of laser welding, the fittings are perfectly finished on the inside and have very low flow resistance. The noise level is also very low. The fittings undergo stringent tests during the fully automated production process to ensure they are leak-proof.

## natural gas

VSH SudoPress Copper Gas fittings are ideal for a wide range of gas installations. They have all essential approval marks, including Gastec and DVGW. VSH SudoPress Copper Gas fittings can be easily identified by a yellow Visu-Control® ring, a yellow marking and a yellow o-ring.

## compressed air

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

## solar

VSH SudoPress Carbon, Stainless and Copper fittings are equipped as standard with EPDM o-rings that can withstand very high temperatures. If dealing with even higher temperatures, the standard o-rings can be exchanged for special FPM o-rings. For extra convenience, VSH SudoPress Copper Solar fittings are available with FPM o-rings fitted ex works.

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

# excellent in residential, commercial and industrial buildings

When you choose VSH SudoPress, you choose a top-class piping system that easily excels in a very wide variety of situations. It also means choosing double safety, as VSH SudoPress is equipped with both the Leak Before Pressed function and Visu-Control®. VSH SudoPress is ideal for installations in residential, commercial and industrial buildings.

VSH SudoPress can  
also be used in

- industry



### 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)

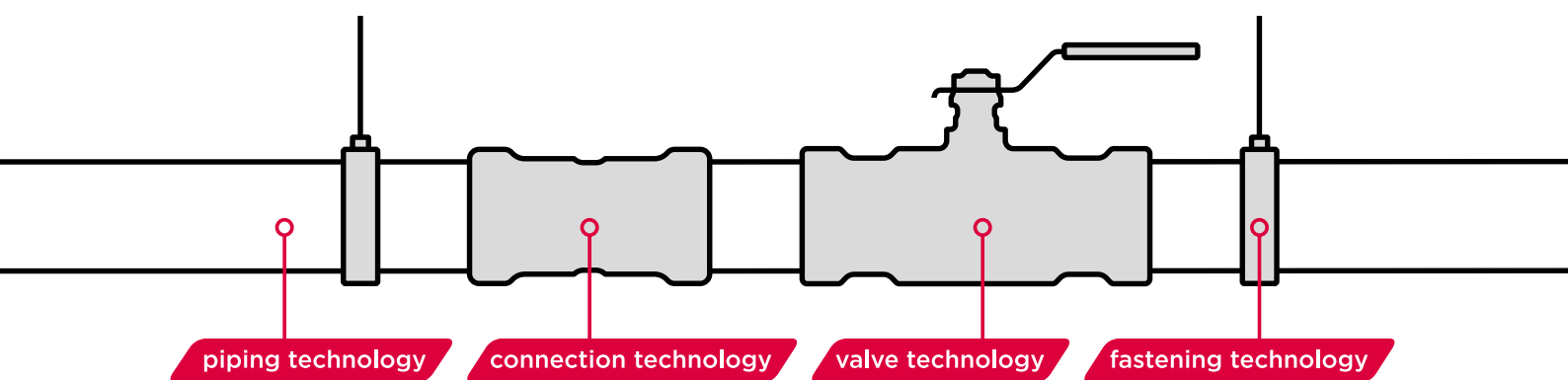
Would you like to make an appointment to meet an account manager in your region or receive advice and support from one of our experts?

Please contact:

**Aalberts integrated piping systems Customer Service**

**+31 (0)35 68 84 330**

**[info.eu@aalberts-ips.com](mailto:info.eu@aalberts-ips.com)**



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