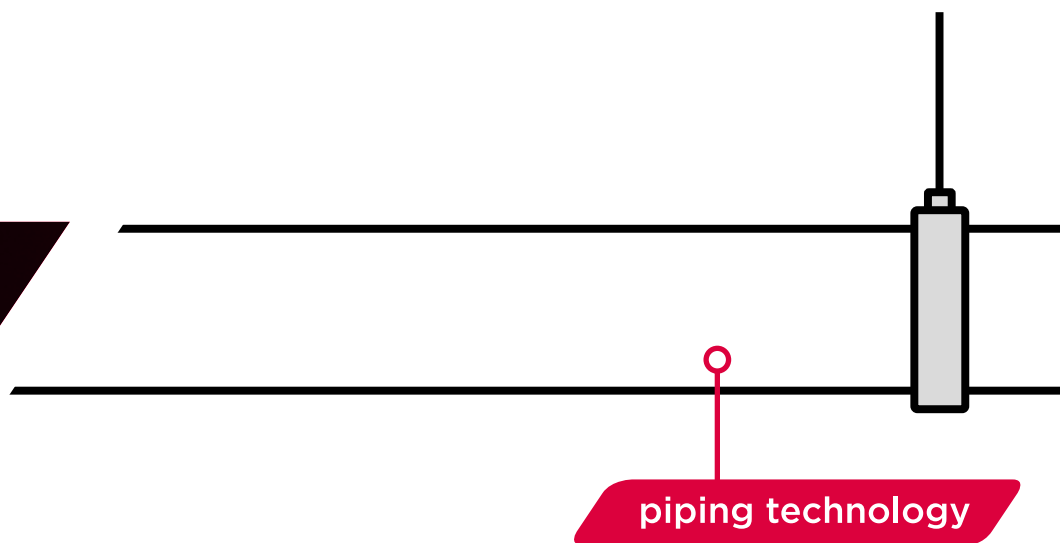


VSH UltraLine



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.

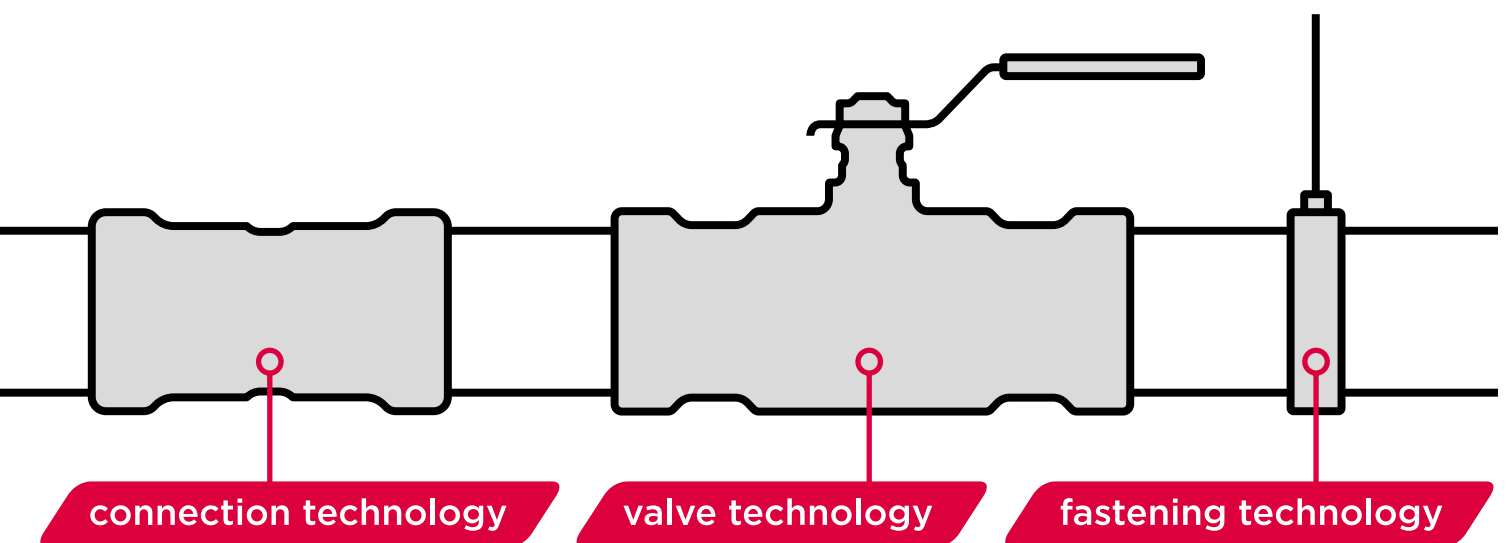
Good is never good enough.

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 realise 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 recognised 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 / cunifer
suitable for	steel / stainless steel / copper / cunifer
connection	press / M-profile
dimensions	12 - 108 mm (DN10 - DN100)

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 UltraLine: plastic piping sleeve system

The new VSH UltraLine piping system is based on many years of experience applied in heating and sanitary systems. The construction of the fitting without o-ring and the convenient method of making connections using the sliding sleeve technique, contributes to the uniqueness of this piping system. When designed, great emphasis was placed not only on the highest technical properties and comfort of use, but also on aesthetics, providing customers with a product of highest quality and attractive appearance.

product range

VSH UltraLine consists of VSH UltraLine PPSU or brass fittings and can be used in combination with VSH UltraLine multilayer tube with an inner and outer layer of PE-RT and an aluminium core, available in a diameter range from 14 till 32 mm.

reliable and durable connection

Using VSH UltraLine is very beneficial for professional installers. Besides the comfort of working with flexible multilayer tubes, VSH UltraLine also has an additional, very important advantage: being a fitting without an o-ring. Therefore, reliability and durability of the connection is being ensured.

sliding sleeve

The symmetric design of the sliding sleeve is another great advantage of the VSH UltraLine system. Installers do not have to wonder how the sleeve should be positioned when making connections. This eliminates failure risks and increases comfort and safety. The solid structure and high-quality plastic (PVDF) of the sliding sleeves guarantees a very high resistance to damage. These properties were tested by our specialists in severe conditions.





optimal flow characteristics

The combination of the sliding sleeve connection technique, using the process of expanding the tube end with a special expansion tool and the bevelled connector stubs on the fitting, minimises diameter narrowing of the connection. This ensures reduced flow disturbance and a significant reduction of local pressure drop.

cost-saving features

VSH UltraLine fittings and multilayer tubes are lightweight and flexible, making installation fast and easy which will reduce costs.

transition to other Aalberts integrated piping systems

Transitions to threaded, compression, press or other systems are also possible. The VSH UltraLine product range includes brass transition couplings for easy transition to other Aalberts integrated piping systems.

optimised design

- sleeve connection technique and smooth fitting design, resulting in minimal flow disturbance and reduction in pressure loss.
- permanent and secure connection by using fittings without o-ring
- quick, simple and convenient installation, even in hard to access places
- up to 25% increased system hydraulics compared to the competitors
- the most flexible tube on the installation market
- fully compatible with other Aalberts integrated piping systems
- suitable for embedding in concrete and cement screed





VSH UltraLine: two materials and multilayer tube

VSH UltraLine offers many handy features for easy installation and maintenance, including fittings without o-ring and easy access for positioning the tools onto the fitting.



VSH UltraLine brass

Brass fittings combined with PVDF plastic sliding sleeves. Particularly suitable for potable water installations, as well as:

- central heating installations
- cooling installations
- underfloor heating installations
- compressed air installations



VSH UltraLine PPSU

PPSU plastic fittings combined with PVDF plastic sliding sleeves. Particularly suitable for potable water installations, as well as:

- central heating installations
- cooling installations
- underfloor heating installations
- compressed air installations



VSH UltraLine multilayer tube

Suitable for use with VSH UltraLine brass and PPSU fittings. The small wall thickness ensures great flexibility of the system. The inner aluminium layer serves as an anti-diffusion barrier.

VSH UltraLine: a wide variety of applications



potable water



heating



cooling



compressed air

potable water

The VSH UltraLine system is guaranteed to meet all relevant standards for potable water systems. VSH UltraLine has the required potable water approvals (KIWA and DVGW).

heating and cooling

VSH UltraLine is ideal for heating and cooling applications. The compact fittings are manufactured according to strict standards and undergo stringent testing, which guarantees leak-tight fitting connections.

The sliding sleeve connection technique and the large inner diameter of the tube results in a large flow through the connections making VSH UltraLine suitable for low-temperature heating installations.

compressed air

VSH UltraLine tube is ideal for installing compressed air systems. The flexible piping ensures optimal installation at minimal cost.

As VSH UltraLine is supplied without o-rings, using VSH UltraLine fittings in compressed air installations do not require compatibility or changing the o-ring.

underfloor heating

VSH UltraLine is suitable for embedding in concrete or cement screeds. The multi-layer tubes meet the highest standards and have a very high chemical resistance.

You can find detailed information on the practical application of VSH UltraLine in the technical manual or at www.aalberts-ips.eu

excellent in residential and commercial buildings

VSH UltraLine: a top-grade system with an optimal price-quality ratio. The fittings without o-ring, the PVDF sleeve and the high flexible multilayer tube make VSH UltraLine an unique system suitable for use in various sectors. With the handy transition couplings, VSH UltraLine can be seamlessly connected to other Aalberts integrated piping systems.

VSH UltraLine can
also be used

- industrial
- shipbuilding



more information?

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

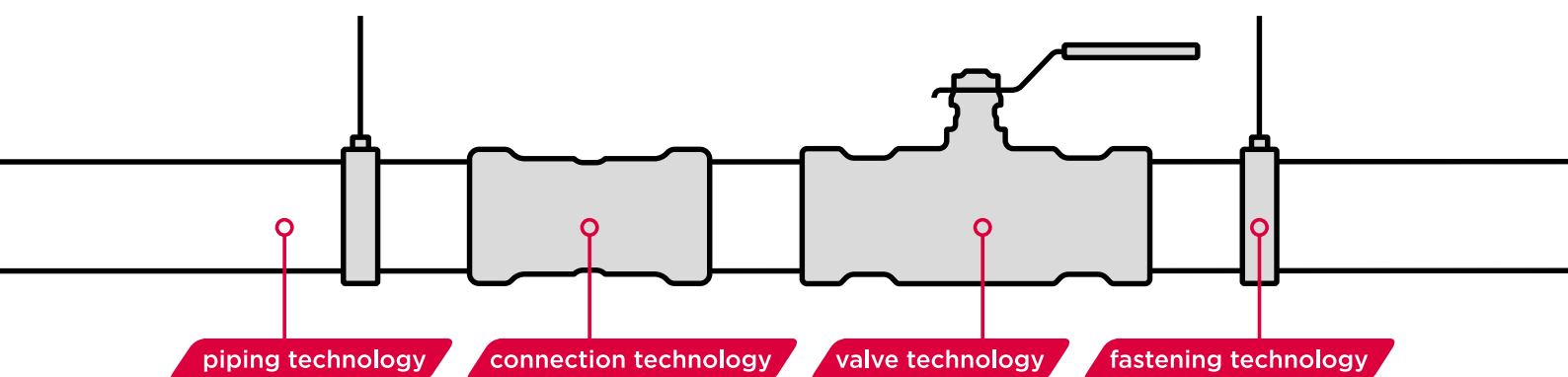
Would you like to make an appointment to meet an account manager in your region or receive advice and support from one of our experts?

Please contact:

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