

product lines







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Aalberts integrated piping systems

don't just buy
products,
buy solutions.

pipng 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 our unique 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 designed, you can get advice on complete and tailored solutions. With our 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.

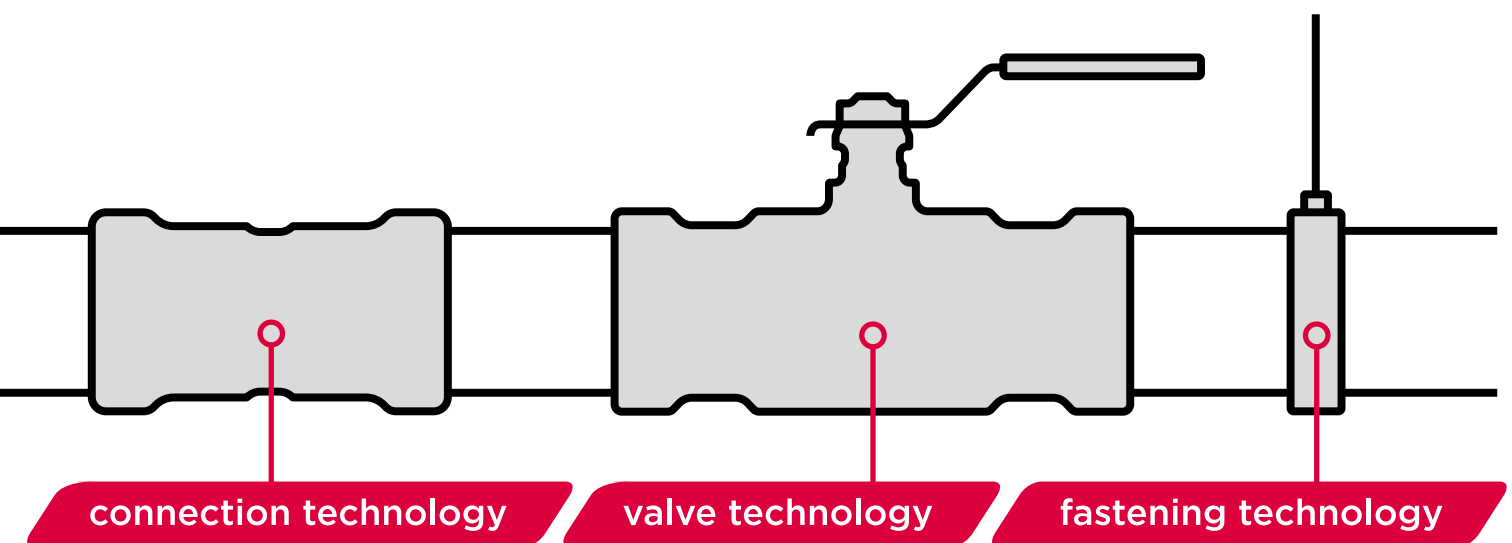
Good is never good enough.

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 are 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



our easy to connect product lines

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 represent a long history. Together they offer the best integrated piping system for now and in the future.

Connection technology

VSH. For over 90 years, VSH delivers fittings & piping systems worldwide. In the 1970s, it launched the popular VSH Super compression fitting, which is still a top seller today. This was followed by the VSH XPress press fitting system, enabling faster, more reliable connections.

Shurjoint. Founded in 1974, Shurjoint began with grooved couplings made from malleable iron. Today, it's a global leader in mechanical piping components, known for innovative design and quality manufacturing.

Valve technology

Pegler Valves. Pegler is a globally respected brand known for high-quality plumbing, heating, and engineering products. Since the 1890s, its reputation has been built on innovation, quality, and strong customer service. Today, Pegler remains a key player in the valve industry, continuously introducing new solutions like the Pegler ProFlow, which offers outstanding performance and precision across its range.

our product lines

We offer 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

Kuterlite



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

VSH Shurjoint



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

IPS Fastening



new!

material	mild carbon steel / stainless steel
finishes	zinc plated / hot dip galvanised
suitable for	all types of piping systems
connection	10 - 406 mm (¼" - 16")
options	with or without sound-absorbing insert & thermal insulation

Pegler Valves



material	brass / bronze / carbon steel / stainless steel
suitable for	steel / carbon steel / stainless steel / copper
connection	threaded / press / push / flange
dimensions	DN15 - DN300

Pegler ProFlow



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

VSH XPress



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

VSH Tectite



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

VSH PowerPress®



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

VSH UltraPress



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

Endex



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

Yorkshire



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

Pegler Presstex



material	brass / DZR brass
suitable for	carbon steel / stainless steel / copper / plastic
connection	threaded / press / push / flange
dimensions	DN15 - DN300

Pegler Radiator Valves



Bulldog

Terrier

Belmont

Mistral

material	brass / gunmetal
suitable for	iron / copper / plastic
connection	compression / threaded / push-fit
dimensions	8, 10, 15, 20, 22 mm, ½", ¾" & 1"

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 CuNiFe. 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®.

Apollo FullFlow valves with VSH XPress connections

The unique Apollo FullFlow Carbon or Stainless ball valves feature a M-profile connection, enabling it to fit seamlessly into the VSH XPress system. This allows you to effortlessly install one after the other, meaning shorter installation time. Apollo FullFlow ball valves are full bore. As a result, the valve has virtually no flow resistance. The design of this slim valve is unique. The valve body is manufactured in one piece, greatly reducing the risk of leaking.

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

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 Aalberts IPS systems

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 low noise level. The compact fittings are very easy to insulate.

natural gas and hydrogen H₂ ready

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 approvals, including DVGW, SVGW and Gastec QA. VSH XPress gas fittings are easily recognisable by their yellow marking and yellow o-ring. The VSH XPress Copper Gas fittings are also suitable for hydrogen (H₂ ready).

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 oil content. If the compressed air contains mineral or vegetable oil, fittings with HNBR or FPM o-rings must be used.

solar

The entire VSH XPress system is equipped with EPDM o-rings that can withstand very high temperatures. When 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.co.uk/products/vsh-xpress



potable water



heating



cooling



natural gas



steam



compressed air



sprinkler



solar



vacuum



quick installation with no need for tools

VSH Tectite is a high-quality package of copper, brass and stainless steel push fittings and accessories. Suitable for potable water, heating, cooling, compressed air and vacuum installations. Using VSH Tectite push fittings brings unique advantages, such as toolless assembly and installation in hard-to-reach areas. With VSH Tectite, you can be sure of professional, reliable installation.

fast and simple

VSH Tectite enables installers to connect pipes in no time in any situation. Simply slide the fitting onto the deburred tube to make a solid connection. You don't need any assembly tools.

removable and reusable

VSH Tectite Classic, Pro and 316 fittings can be disassembled and reused with a handy demounting ring or fork.

ideal in combination with prefab solutions

VSH Tectite provides suitable flexibility in every rigid piping system. You can easily connect your pre-assembled piping system with VSH Tectite. The fittings can be rotated in the tube after assembly. This allows you to adjust pipes at branches and bends.

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

easy installation, time savings and problem-solver

- quick installation with no need for tools
- perfect installation in small and hard-to-reach spaces
- entirely tension-free installation: piping can be repositioned afterwards
- complete piping system in copper, brass and stainless steel
- fittings and valves from 10 to 54 mm
- demountable and non-demountable versions available
- fully compatible with other Aalberts IPS systems

applications

potable water

With a VSH Tectite 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 copper, stainless steel and brass and are entirely corrosion resistant. VSH Tectite also carries the Kiwa approval.

heating and cooling

VSH Tectite is ideally suited for heating and cooling systems. It is manufactured to strict standards and subject to stringent tests, so you have a guaranteed leak-tight system. Inner edges are minimal, so the system has very low flow resistance and does not cause any additional noise in use.

compressed air

Compressed air systems must meet strict requirements in terms of moisture and oil content. VSH Tectite Sprint, Classic, Pro and 316 are all ideal for use in such systems. There is also a special range – VSH Tectite Air – available on request.



Detailed information on the practical applications of VSH Tectite can be found in the technical manual and at www.aalberts-ips.co.uk/products/vsh-tectite



potable water



heating



cooling



compressed air



vacuum



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, rather than 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 performing 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 visible and tangible, 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.

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

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
- fully compatible with other Aalberts IPS systems

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 low noise level. 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 and hydrogen H₂ ready

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 QA. VSH PowerPress® Gas fittings are easily recognisable by their yellow Visu-Control® and o-ring. The VSH SudoPress gas fittings are also suitable for hydrogen (H₂ ready).



heating



cooling



compressed air



sprinkler



natural gas



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

VSH UltraPress



the multi-profile plastic piping system

VSH UltraPress is Aalberts integrated piping systems' reliable, high-grade plastic piping system. The fittings are multi-profile, so they can be pressed with both U and TH profile press jaws. The tubes and fittings are Kiwa, KOMO and Gastec QA approved, so the system can be used without any problems in central heating, potable water, gas and underfloor heating installations. Thanks to its high chemical and thermal resistance, VSH UltraPress can also be used in compressed air installations.

cost-saving features

The multi-layer tubes are light and flexible, making installation fast and easy, reducing your costs.

quick installation

Costs are further reduced by shorter installation time. Pipe calibration is not necessary up to and including 32 mm with this piping system. In addition, VSH UltraPress fittings are colour-coded, so you will never pick the wrong size.

The design of the fittings and press jaws ensures optimal jaw positioning, thereby avoiding incorrect positioning or pressing. Together with the Leak Before Pressed function (for sizes 14 to 32 mm), this ensures fast and secure pressing.

transition to other Aalberts integrated piping systems

Transitions to threaded, compression or other press systems are also possible. The VSH UltraPress system includes brass transition couplings for easy transition to other systems.

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

convenient installation, time savings and safety are top priorities

- can be pressed with both U and TH profiles
- colour-coded per size
- pipe calibration recommended but not necessary up to 32 mm
- check windows for tube insertion depth
- optimal press jaw positioning for fast and secure pressing
- Leak Before Pressed function up to 32 mm
- a specific range of fittings and tubes for natural gas
- suitable for embedding in concrete and cement screed
- fully compatible with other Aalberts IPS systems

applications

potable water

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

heating and cooling

VSH UltraPress is ideal for heating systems. The compact fittings are manufactured according to strict standards and undergo stringent testing, so you have a guaranteed leak-tight fitting. For application of VSH UltraPress in cooling systems, we recommend VSH UltraPress fittings made of PPSU.

compressed air

VSH UltraPress tube is available in coils, ideal for installing compressed air systems. The flexible piping ensures optimal installation at minimal cost.

underfloor heating

VSH UltraPress is suitable for embedding in concrete or cement screeds. The tube meets the highest standards and has high chemical resistance.



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



potable water



heating



cooling



compressed air

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".

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.

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.

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
- demountable
- fully compatible with other Aalberts IPS systems

applications

potable water

VSH Shurjoint offers a wide range of stainless steel 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.

industrial applications:

- piping systems for abrasive media, slurry and wastewater
- tunneling projects
- high-pressure mine shaft pipes, such as mining and tunneling
- the VSH Shurjoint Ring Joint system is available for situations where grooving the piping system is difficult



Detailed information on the practical applications of VSH Shurjoint can be found in the technical manual and at www.aalberts-ips.eu/products/vsh-shurjoint



potable water



heating



cooling



compressed air



sprinkler

Kuterlite



the most comprehensive fittings package

Kuterlite is a complete package of fittings and valves suitable for a vast range of applications: from potable water, gas, heating and solar installations to compressed air systems. The Kuterlite range includes compression fittings to connect to copper, steel and plastic pipes.

Kuterlite compression fittings are designed to meet the needs of installers and provide maximum installation convenience. This includes dimensionally accurate spanner flats, so the spanner always remains in place during tightening. The special compression ring ensures an optimum seal. This delivers huge savings in labour costs, as there is no need for retightening. What's more, the high-quality finish of the fittings ensures smooth assembly with no juddering or creaking.

seamless combinations

The wide range of transition couplings allows for easy transitions to other systems. For example, it is easy to connect steel, copper or stainless steel tubes to plastic tubes with VSH Multi Super and other Aalberts IPS systems.

valves

Aalberts integrated piping systems offers a wide range of valves with compression connections, making Kuterlite ideal for installation into other Aalberts IPS systems. Kuterlite can be used in a wide range of installations and segments due to its numerous approvals.

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

the right solution is always available

- a broad selection for every application (metal and plastic)
- standard brass and DZR fittings from 6 to 54 mm
- available in plain, nickel-plated and chrome-plated versions
- a wide range of valves with compression connections
- designed for maximum installation convenience with wide, dimensionally accurate flats on nuts and bodies
- simple installation using standard tools
- quick connection technology allowing for reassembly
- smooth assembly (no juddering or creaking)
- a wide range of approvals including Kiwa and Gastec QA
- fully compatible with other Aalberts IPS systems

applications

potable water

With Kuterlite you can be confident of compliance with all applicable standards for potable water systems. Thanks to the use of a special brass alloy, much of the Kuterlite range is Kiwa certified and can therefore be used in potable water pipes with no restrictions.

heating

Kuterlite is the ideal solution for connecting central heating boilers or installing heating pipes. The fittings can be used without the need for special tools. It's no coincidence that virtually all central heating boilers in the Netherlands are connected with Kuterlite compression fittings.

natural gas and hydrogen **H₂ ready**

Kuterlite offers specific high-quality products for a wide variety of gas installations. From gas installations in the Netherlands, which must be Gastec QA certified, to special applications for Belgium, with Kuterlite you always have the right solution to hand. Kuterlite compression fittings are suitable for both gas and water. The Kuterlite fittings with Gastec QA approval are also suitable for hydrogen (H₂ ready)

solar

Kuterlite fittings can withstand very high temperatures, making them ideal for use in solar installations.

compressed air

Kuterlite fittings are suitable for use in compressed air installations. This can be done in combination with galvanised steel, stainless steel and copper tubes. The Kuterlite technical manual contains the exact guidelines.



Detailed information on the practical applications of Kuterlite can be found in the technical manual and at www.aalberts-ips.co.uk/products/kuterlite



potable water



heating



natural gas



solar



compressed air

Yorkshire



the extremely versatile integral solder ring range

Exceptional in every sense, and with a reputation second to none, the extremely versatile Yorkshire range can be applied to virtually every situation from light domestic to commercial.

The Yorkshire integral solder ring range comprises over 700 different items. In addition to standard line fittings, the range includes an extensive selection of heating components and accessories. Products, such as general high duty have been developed for commercial, industrial and engineering applications.

material	copper / copper alloy
suitable for	copper
connection	integrated solder ring
dimensions	DN15 - DN300

integral solder

With just the right amount of high-quality lead-free solder, simply add heat for a perfect joint time after time.

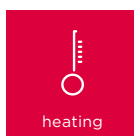
copper advantages

Yorkshire offers all the advantages of traditional copper systems including copper's anti-microbial qualities, resistance to corrosion and wear and tear.

aesthetically pleasing

Yorkshire fittings are compact and easy to lag, and attractive when visible.

applications



Yorkshire fittings key features

- available in sizes from 6 to 67 mm
- suitable for use in hot and cold water services for potable water, in small bore and mini bore central heating systems, in low pressure steam heating and pressurised unvented heating systems and in chilled water applications
- also suitable for sanitation services, compressed air systems, gas distribution systems and engineering pipeline services that convey liquids, oils, air and gases at temperatures up to 110°C
- each fitting contains a precise amount of lead-free solder for a perfect joint every time



More information and documentation for Pegler Yorkshire fittings can be found at www.aalberts-ips.co.uk/products/yorkshire

Endex



the market leading brand for plumbing

Endex is a very cost-effective system, with fittings available up to the largest super-size requirement (159 mm) within the Endbrazed range.

Endex end feed fittings are a simple and cost-effective method of jointing copper tubes to BS EN 1057. Light and neat, they make handling and installation easy. The fittings' compact dimensions make them the ideal choice for use in areas where there is limited space. Additionally, their smooth lines minimise flow restrictions and are unobtrusive on exposed pipelines. The Endex joint is created through the process of capillary action. When the fitting and tube are assembled and heated to the correct temperature, solder applied to the mouth of the fitting becomes molten. Capillary attraction ensures the solder is drawn into the gap between tube and fitting, forming a sturdy and reliable joint. Users of Endex fittings can be confident that they are purchasing an established product with a proven reputation for reliability and quality.

compact and neat joints

In the hands of a skilled installer, Endex fittings can give very neat and tidy installations.

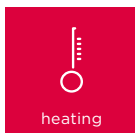
versatility

Endex is endlessly versatile, covering all aspects of gas and heating systems in domestic and light commercial applications. Also, it is perfect for specialist environments such as hospitals.

applications



potable water



heating



cooling



natural gas



More information and documentation for Pegler Presstex valves can be found at www.aalberts-ips.co.uk/products/endex

material	copper / copper / gunmetal / DZR brass
suitable for	copper
connection	solder
dimensions	6 - 54 mm

Endex fittings key features

- available in sizes 6 to 54 mm
- suitable for use on above ground hot and cold domestic/ potable water services, in small bore and mini bore central heating systems and in low-pressure steam, heating and pressurised unvented heating systems
- also suitable for sanitation services and compressed air lines, gas distribution
- systems for natural and manufactured gases, with fuel oils (hard solder only) and kerosene and on engineering piping systems that convey liquids, oils, air and gases at temperatures up to 110°C
- available degreased and individually bagged for use on medical gas piping systems
- WRAS approved

Pegler Valves



the worldwide market leading brand for commercial valves

Pegler is a truly worldwide market leading brand for commercial valves. Pegler Valves solutions are designed and manufactured driving performance, isolation, filtration and regulation. The traditional methods of tube connection together with VSH adaptations ensures that the Pegler Valves brand continues to have a market leading portfolio.

material	brass / DZR / Ductile Iron / Stainless Steel
suitable for	carbon steel / stainless steel / copper / plastic
connection	threaded / press / push / flange
dimensions	DN15 - DN300

The advantages of Pegler Valves

- a versatile array of valves tailored for commercial building services
- from potable water to heating, cooling, and gas, our valve range covers all bases
- end-to-end solutions for commercial buildings, from plant room to point of use
- crafted from brass, DZR, bronze and cast iron for durability
- effortless installation, with threaded connections or factory-mounted VSH XPress or VSH Tectite adapters
- fully compatible with other Aalberts IPS systems

world standard

The depth and breadth of the Pegler Valves portfolio now combines with modern connection technologies to provide solutions for the flow control market.

choice

With butterfly, ball, gate and globe valves in the range, the Pegler Valves range portfolio continues to grow with strainers and pressure reducing valves so the range covers all markets.

commercial radiator valves

Pegler Belmont TRVs and MRVs continue to lead the way in commercial installations.

applications

potable water

Pegler Valves are a trusted source for open and closed water, and potable water systems. All system valve solutions are available in various materials and are fully compliant to the local water approval requirements.

heating and cooling

Pegler Valves are an excellent solution for heating and cooling systems. With multiple body materials managing both pressure and temperature conditions for long life and reliability. The valves undergo the most stringent tests, being tried and tested for decades.

natural gas

The Pegler Valves range includes specific high-quality products for a wide variety of gas systems. They are available in brass and certified to EN331. Pegler Gas Valves are easily recognisable by their yellow coloured product details.

steam

Select Pegler Valves are suitable for steam applications



Detailed information on the practical applications of Pegler Valve can be found in the technical manual and at www.aalberts-ips.co.uk/products/pegler-valve



potable water



heating



cooling



natural gas



steam

Pegler ProFlow



balancing valves

The Pegler ProFlow product line consists of a renowned series of static and dynamic balancing valves with actuators and a balancing computer. The dynamic PICV valve is a real time-saver with the combined flush, isolation and balancing features. Together with the static balancing valves, they form a complete range of balancing valves, saving time and money and reducing failure costs significantly. The Pegler ProFlow balancing computer can measure static pressure, differential pressure and calculates the flow in a hydraulic system.

Pegler ProFlow 1260

The 1260 static balancing valves are easy to use and highly accurate, saving time due to their fixed orifice flow measuring. They are available in dimensions DN15 up to DN50 with threaded or press connections.

Pegler ProFlow 1500 & 1600

The 1500 & 1600 PICV dynamic balancing valves are real time-savers with the unique combination of flush, isolation and balancing features. These combined features result in time savings of up to 70% compared to alternatives in the market and have a significant impact on reduction of failure costs which can occur in cartridge mix-up and/or contamination. The PICV dynamic balancing valves are available in DN15 up to DN25 with threaded and press connections.

Pegler ProFlow V955

The flanged V955 series static balancing valves form a complete range of balancing valves in DN65 up to DN300, saving time due to their fixed orifice flow measuring.

material	brass / ductile iron
suitable for	carbon steel / stainless steel / copper / plastic
connection	threaded / press / flange
dimensions	DN15 - DN600

balancing valves key features

- compact, economic and fast
- reducing failure costs
- innovative concept of combining clever features in a single compact housing
- available with female threaded or equipped with factory-mounted press adapters (Pegler ProFlow 1260 and 1600 series). Pegler ProFlow V955 are equipped with flange connectors.
- availability of balancing computer with dedicated app for measuring and commissioning
- fully compatible with other Aalberts IPS systems

Pegler ProFlow balancing computer



The Pegler ProFlow balancing computer is designed for commissioning of heating and cooling systems, capable of measuring static pressure, differential pressure and calculating the flow in the system.

Operation of the device is done using a mobile device app which is available as a free download for both Android and iOS devices by searching for the Pegler ProFlow balancing computer app. The application displays the current pressure and flow on the valve and allows corrections to be made for different system fluids.

applications

The Pegler ProFlow balancing valves are suitable to be used in heating and cooling systems in commercial and residential buildings, perfect for new and refurbished systems.

heating and cooling

Pegler ProFlow is the perfect solution for heating and cooling systems. By using Pegler ProFlow, you are always able to design and install a heating or cooling system that achieves maximum comfort with minimum consumption. The combination with the other solutions of Aalberts integrated piping systems offers unlimited possibilities.



You can find detailed information on the practical application of Pegler ProFlow in the technical manual or at www.aalberts-ips.co.uk/products/pegler-proflow



heating



cooling

Pegler Radiator Valves



delivering,
reliability, trust
and efficiency
for over
70 years

Evolution of Pegler Radiator Valve technology is very much part of our manufacturing scene, where breakthroughs like reverse flow technology were first introduced. And, through our team of highly skilled experts, the brand is continually evolving and setting new standards.

Pegler Terrier

delivering, reliability, trust and efficiency

A reliable TRV is key to ensuring a system is enhanced and savings have been made, so by choosing one that carries industry standards such as Kitemark and EN215, you are guaranteed a quality product. The Pegler Terrier TRV range not only carries these exacting standards but also benefits from an A rating in classification giving both the installer and customer peace of mind in terms of performance, reliability and cost savings. High accuracy within temperature settings leading to high efficiency allowing savings to be made in fuel consumption and reduction in associated costs. UK heating is within the Pegler Terrier plant, our development and manufacturing strives to deliver quality that will last and lead technology, such as Bi-directional flow and maintenance solutions.

material	brass / gunmetal
suitable for	iron / copper / plastic
connection	compression / threaded / push
dimensions	8, 10, 15 & 20 mm; ½", ¾" & 1"

the advantages of Pegler Radiator Valves

- very complete range of radiator valves to meet all project requirements
- thermostatic, manual and lockshield radiator valves, bodies and headworks for domestic and commercial applications
- precision and agility with cutting-edge hot and cold air cycle technology, ensuring accurate and responsive performance
- innovative, energy-saving features with faster temperature response and reduced hysteresis, thanks to the pure copper element sensors
- effortless operation with sleek, modern design featuring eco indicators and large grip for easy handling

Pegler Bulldog

Plumber's Pick: The Pegler Bulldog TRV

The Pegler Bulldog TRV is a popular thermostatic radiator valve that provides accurate temperature control and energy savings. The Pegler Bulldog has a robust design and easy installation. It is a reliable choice for residential properties. The Bulldog TRV features a simple, user-friendly design that allows for precise temperature adjustments, while its automatic frost protection function ensures that pipes do not freeze during colder months. Additionally, the valve's bi-directional flow ensures that it can be installed in either direction, making it a versatile solution for any heating system. Overall, the Pegler Bulldog TRV is a top-of-the-line choice for those looking to improve their heating efficiency and save on energy costs. Bulldog is the UK no1 Installer TRV choice.

Pegler Belmont

radiator valves deliver key benefits to the entire supply chain

Thermostatic and manual radiator valves deliver key benefits to the entire supply chain from specification through to ongoing cost of ownership. Belmont thermostatic radiator valves have been designed for use on commercial through to residential properties, including combi boiler installations. The Belmont TRV benefits from a frost setting where the valve is opened automatically at 7 ° (to prevent the system freezing). It has a built-in patented tamper-resistant feature that is key operated. The TRV also employs a patented 'lift and lock' operation which prevents accidental adjustment.

Pegler Mistral

delivering house builder solutions for decades

Pegler Mistral is a high-performance, energy-efficient solution for regulating the temperature. This state-of-the-art TRV is designed to provide precise control over heating systems, while helping to reduce energy consumption.



More information and documentation for
Pegler Radiator Valves can be found at
www.aalberts-ips.co.uk



heating

Pegler Prestex



the worldwide market leading brand for plumbing valves

Pegler Prestex is a truly worldwide market leading brand for plumbing valves, with a history and pedigree that is second to none.

world standard

The depth and breadth of the Pegler Prestex range combines a portfolio which includes mixing valves, float valves, stop valves, drain valves, isolation valves and bibtaps.

safety first

All of our thermostatic mixing valves are individually tested to guarantee fail safe & shut off in the event of cold water failure.

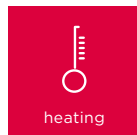
isolation and regulation

Our products are precision machined to ensure a watertight guarantee of quality.

sustainability

We are calculating and disclosing the embodied carbon of all our products to help you make more informed decisions.

application



material	brass / DZR brass
suitable for	carbon steel / stainless steel / copper / plastic
connection	threaded / press / push / flange
dimensions	DN15 - DN300

Pegler Prestex key features

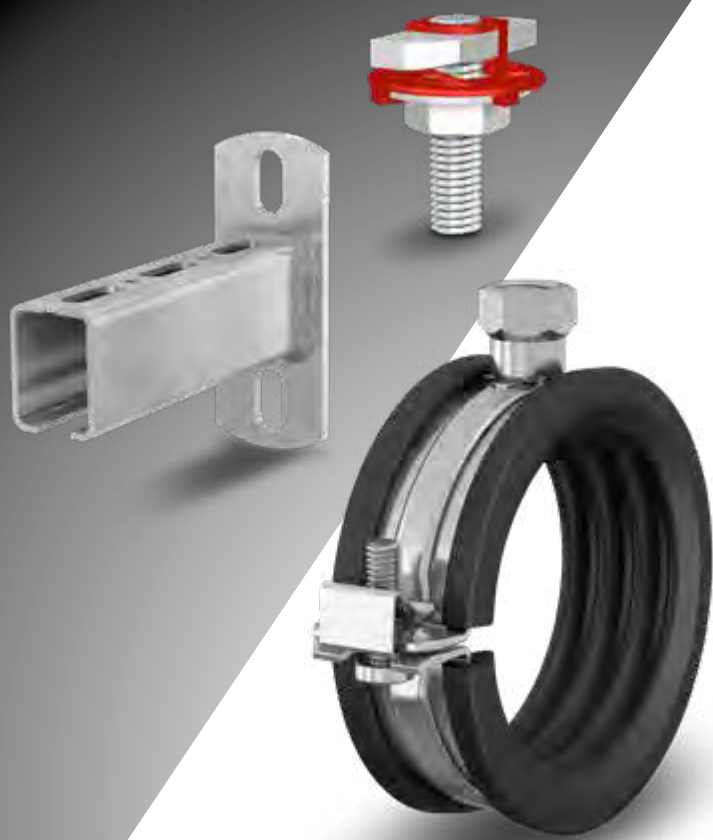
- fully compatible with other Aalberts IPS systems
- all products are individually tested to guarantee fail safe & shut off
- precision machined to ensure watertight guarantee
- a leading brand for plumbing valves



More information and documentation for Pegler Prestex valves can be found at www.aalberts-ips.co.uk/products/pegler-prestex

new!

IPS Fastening



a complete range of mounting solutions

IPS Fastening has been developed to offer an extensive range of support and fixing solutions, complementing almost any piping system. Supports are available to suit a wide range of pipe materials in diameters from 10 to 406 mm. We also include the Kingspan Kooltherm pipe support insulation blocks in a variety of thicknesses, which can be used in conjunction with our unlined pipe clip ranges.

wide-range

Whether you are installing your pipework on a large domestic, commercial or industrial project, we supply clips, rails, rail fittings, substrate fixings and an extensive range of high-quality accessories to meet your requirements. Noise reducing rubber linings, slide clamps for plastic tubes and stainless steel clips, rail and accessories are all available to ensure your piping system performs.

various environments

We manufacture products suitable for all environments: internal, external, or industrial with products in zinc-plated and hot-dip galvanised finishes or manufactured from stainless steel.

applications



The IPS Fastening range has solutions for an extensive range of piping systems & applications



More information and documentation for IPS Fastening can be found at www.aalberts-ips.co.uk/products/ips-flamcofix

material	carbon steel / stainless steel
finishes	zinc plated / hot dip galvanised
suitable for	all types of piping systems
connection	10 – 406 mm (¼" - 16")
options	with or without noise insulating rubber or thermal insulation supports

comprehensive quality, reliable, time-saving systems

- products to suit the vast majority of mechanical & HVAC pipework applications
- sizes ranging from 10 to 406 mm for direct fitting to pipes or with insulation blocks
- a complementary range of Kingspan Kooltherm high-density pipe supports
- quick install due to our patented pipe clip hinge designs
- compact & space saving range of support rails
- pre-assembled rail fittings '4-in-1' parts, saving up to 75% installation time
- completing our total Aalberts IPS solutions



disclaimer:

The technical data are non-binding and do not reflect the warranted characteristics of the products. They are subject to change. Please consult our General Terms and Conditions. Additional information is available upon request. It is the designer's responsibility to select products suitable for the intended purpose and to ensure that pressure ratings and performance data are not exceeded. The installation instructions should always be read and followed. The system must always be depressurized and drained before any components, whether defective or otherwise, are removed, modified or corrected.

more information?

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



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 scan the QR code or contact:

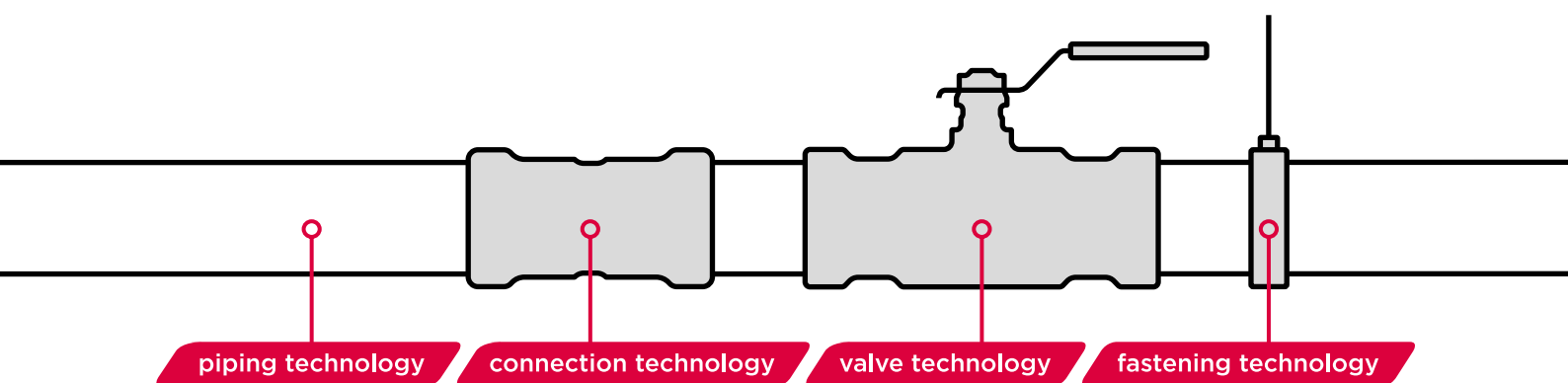
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