



Mechanical Grooved Piping System
the preferred alternative to welding

VSH Shurjoint



VSH INTEGRATED PIPING SYSTEMS

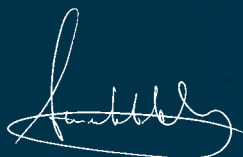
VSH is the number one specialist for integrated piping systems. We provide our customers with high quality, innovative integrated piping systems for gases and liquids together with their respective fittings. Our systems are used in residential and commercial construction, industry, fire safety and shipbuilding. VSH Integrated Piping Systems are known for their high, consistent quality combined with quick and simple installation and maintenance. All VSH systems are digitally prepared (BIM ready, CAD and data exchange) and technical specifications are easy to set. Furthermore, our systems are supported by VSH Engineering Services, which assembles the best integrated piping system for every possible application.

VSH is a strong international player that focuses exclusively on Integrated Piping Systems. VSH offers the widest range of reliable systems in the business: compression, groove, press and push systems in thick- or thin-walled metal or plastic. The product range can be combined with exactly the right fitting technology to ensure that you receive the best possible system for your application.

VSH was founded more than 85 years ago, making it unparalleled in terms of experience and expertise. We belong to leading international technology group Aalberts Industries, forming a key part of the Building Installations division. This gives us a healthy, solid financial basis that our customers can rely and build on. In a long term vision, this gives us the ability to stay ahead when it comes to innovation and development and have the best integrated piping systems available for now and in the future. Our primary focus is on installation technology and we are guided by the requests and requirements stipulated by the market, where we receive plenty of input from, thanks to our valuable relationships with our customers and partners.

VSH has its own international knowledge and development centre, state of the art production facilities and efficient distribution centres. We also have a fully customer-oriented sales and service organisation with proven experts always available to assist you. This ensures you will receive professional advice from the very start of your project, as well as customised integrated solutions, seamless availability and reliable support both during and after delivery.

VSH assures a safe and above all successful future - find out more about VSH now. Visit www.vsh.eu or call +31 (0)35-6884 330 for a personal appointment.



André in het Veld,

**Executive Director Building Installations
Aalberts Industries**

VSH Integrated Piping Systems: The right solution, always and everywhere

VSH Integrated Piping Systems consist of product ranges for connection and valve technology. Together they will provide the ultimate solution for top quality integrated systems used in residential and non-residential construction, industry, fire protection and shipbuilding. **Working together with VSH offers you many benefits.**

THE PLUS OF VSH INTEGRATED PIPING SYSTEMS:

- + Innovative concepts
- + Installation support
- + Customer Service
- + Exclusive training courses
- + Online information and selection tools
- + VSH Engineering Service



Top quality

Easy installation, safety and top quality are our main focus at VSH. We produce complete product ranges using top-rank production processes to fulfill the most stringent requirements. All our products have the major national and international quality approvals.



Working with VSH

In everything we do, we aim for an optimal match within your daily production process. VSH distinguishes herself by making her partnership with you very valuable. This is what you can expect from us:

You don't want to come up short? Our products are always available no matter where you are, thanks to our international distribution network.

Do you want to make the right choice? We give you clear and complete product information and handy online selection tools to help you find the best solution for your application.

Do you like top-notch support? When it comes to technical advanced projects you can appeal to VSH Engineering Services. This expert service assembles the best integrated system for every application. Our experienced Customer Service staff can answer all your questions and gives you a reliable advice. You can be assured of having access to the specific knowledge and excellent support, no matter where or when you need it.

Will you lead the way? We offer a broad range of training courses so you can always practice our latest solutions correctly.



VSH Shurjoint

Seamless transition to other VSH piping systems



THE PLUS OF VSH Shurjoint:

- + Wide range of high quality products
- + Seamless transition to other VSH Press systems
- + Up to 70% reduction in installation time compared to welding
- + Improved jobsite safety - no welding required
- + Systems for Steel, Stainless Steel, Ductile Iron, Copper, PVC and PE piping
- + Sizes from 1/2" to 104"
- + Improve jobsite schedules, finish on-time, on-budget
- + Technical support with 3D Design Modelling, BIM ready, cost comparisons and thermal movement analysis



VSH Shurjoint is recognized as a world leading solution for grooved piping components. With a broad range of high quality grooved components and expertise in innovative mechanical solutions, VSH Shurjoint offers more value to customers in the HVAC, shipbuilding and industrial markets. **Reliable connections, easy installation and safety are our top priorities**

Reducing installation time

With VSH Shurjoint you save up to 70% installation time compared to welding. Faster installation times means fewer man-hours. This will help you to reduce the time spent on site and meet your tight project schedule.

Improve jobsite safety

VSH Shurjoint grooved piping system will improve the jobsite safety because it is a flame-free connection method. It reduces owner liability and it eliminates the need for an expensive fire-watch or insurances.

Wide range of products

VSH Shurjoint consist out of over 3000 individual piping components in sizes from 1/2" to 104", for use with a variety of piping materials including carbon steel, stainless steel, ductile cast iron, PVC, HDPE, CPVC and copper.

Consistent connections

Welding is labor intensive and the quality of the joint depends on the availability of skilled professionals. The quality of a grooved connection is not dependent on site conditions and can even be pre-fabricated off-site.

Accomodate thermal movement

VSH Shurjoint grooved products have the ability to eliminate the need for expansion bellows. The space between the coupling key and the groove allows for a defined pipe-end separation and angular deflection. This can be utilized to accomodate thermal expansion. This feature also reduces piping stress and provides additional flexibility.

Quality and availability

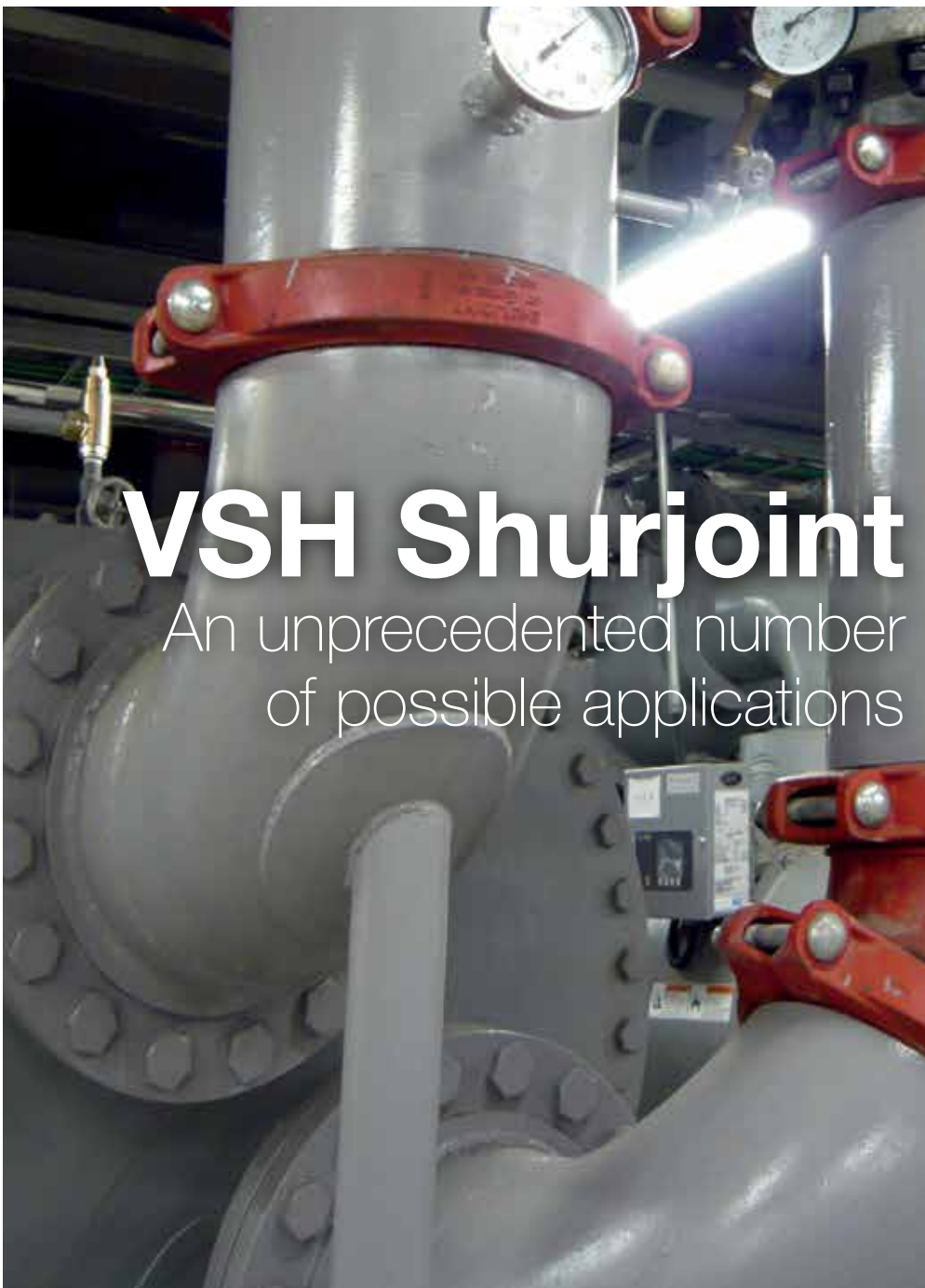
VSH Shurjoint products are produced in our own modern factories in Taiwan and China. Delivering top quality is our main focus, to achieve this we maintain strict quality control in the production process and we are audited by many independent approval bodies. VSH Shurjoint products are available from our trust-worthy network of dealers around the globe.



VSH Shurjoint



VSH Shurjoint products have been used on numerous piping applications: heating, cooling, compressed air, sprinkler and potable water systems.



VSH Shurjoint

An unprecedented number of possible applications



Heating systems

VSH Shurjoint piping products are extensively used in heating systems. Due to the relatively large thermal pipe expansion the grooved products can be utilized to replace expansion bellows. A full range of valves and accessories are available including butterfly valves, check valves, suction diffusers, strainers and balancing valves.

Potable water

VSH Shurjoint offers a complete range of stainless steel (AISI 304 & 316), copper and galvanized products. Our offering includes a specific potable water gasket compound E-PW which can be recognized by the double green stripe. This gasket is suitable for both cold and hot potable water services.

Cooling systems

Many Chiller manufacturers already offer their equipment with grooved connections instead of flanges. This underlines the fact that grooved technology is becoming the preferred connection method for chilled water systems.

Compressed air

VSH Shurjoint products can be used on compressed air systems that contain oil or that are oil free. We offer both EPDM and Nitrile gaskets depending on the application. We offer technical support and documentation to the contractor to ensure full compliance to CE 2014/68/EU Pressure Equipment Directive.

Sprinkler systems

VSH Shurjoint products are widely used for sprinkler systems around the world. Our pre-lubricated gaskets offer a clean working method and our products hold numerous approvals like FM, UL, ULc, VdS, LPCB and many more.



VSH Shurjoint

Excellent in commercial buildings, industry, water treatment, oil & gas and mining

Choosing VSH Shurjoint means selecting top-class piping systems with a 40-year track record in a wide variety of applications. The system is ideal for commercial and industrial applications.



Seamless transition

The Grooved Piping System of VSH Shurjoint forms a seamless transition to other existing VSH product ranges like VSH XPress, VSH SudoPress, VSH Tectite and VSH PowerPress. These systems offer transition fittings to make one fully compatible system from 6 mm tube up to 104" pipe. A complete piping system from one manufacturer will avoid compatibility discussions with different manufacturers and will provide you with a 10 year warranty. One supplier for all your piping systems, One customer service contact, One shipment to site, One invoice. The plus of VSH.

VSH Shurjoint Grooved

VSH Shurjoint grooved products are available from 3/4" to 42".

Typical application areas are:

- Heating Systems
- Cooling Systems
- Compressed Air Systems
- Potable Water Systems
- Sprinkler Systems
- Hydrant Systems

VSH Shurjoint Ring Joint

VSH Shurjoint Ring Joint products are available from 6" to 104".

Typical application areas are:

- Large bore piping systems which are difficult to groove
- Abrasive media / Slurry / Tailings lines
- Tunneling projects
- High pressure mine shaft services

VSH Shurjoint Plain End

VSH Shurjoint Plain End products are available from 2" to 20".

Typical application areas are:

- HDPE Plain end piping
- Temporary piping
- Areas like mining where grooving tools may not be available.
- Abrasive media / Slurry / Tailings lines





VSH Shurjoint

Complete solutions
For all your mechanical
components need



Want to know more?

For a complete and up-to-date overview of all VSH Shurjoint products, visit

www.vsh.eu

You can look for specific products with the search function, or you can use smart filters and conveniently compare products. All relevant product data and specifications are available in detail. If you're interested in a particular product, simply put it on your wish list.

As you can see, you can rely on VSH products and systems for top quality and the best solution for every situation. Our 85 years of experience is your assurance of expertise, up-to-date knowledge and reliable advice. This makes VSH the perfect partner, dovetailing your wishes with those of your clients.

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

VSH Customer Service:

+31 (0)35 68 84 330

Available Monday to Friday, 8am to 5pm.

info@vsh.nl





INTEGRATED PIPING SYSTEMS

VSH offers the best solutions for Integrated Piping Systems. Integrated Piping Systems consist of various product ranges for connection technology and valve technology that together create the ultimate solution for top quality integrated systems.

Connection technology

The connection technology section contains a range of intelligent products using a variety of connection technologies in both metal and plastic. These products are designed to meet all of your connection requirements.

VSH XPress

Piping systems with M-profile press fittings in four types of material: carbon steel, copper, stainless steel and cunifer. Suitable for heating, cooling, water, gas, solar, compressed air and fire protection systems in residential and commercial buildings, shipbuilding and industry.

VSH SudoPress

Piping systems with V-profile press fittings in copper, galvanised steel and stainless steel, suitable for heating, water, gas and solar systems.

VSH PowerPress

A piping system with DW-profile press fittings specially designed for thick-walled steel pipes; suitable for heating, cooling, compressed air and sprinkler systems.

VSH Shurjoint

A piping system with grooved connectors suitable for heating, cooling, compressed air, sprinkler and potable water systems.

VSH Super

Compression fittings for potable water, gas, heating and solar systems. Suitable for steel, copper, stainless and plastic tubes.

VSH Tectite

Push fittings in copper, brass and stainless steel, suitable for potable water, heating and compressed air systems.

Valve technology

The connection technology product lines can seamlessly be combined with our valve technology products in order to create a single integrated system with consistently high quality. In this technology area, we offer various product ranges to enable you to find a suitable solution for every valve-related challenge imaginable.

VSH Fittings B.V.

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