



High quality and cost-competitive
piping systems

Fire Protection



Dear Customer,

VSH is a innovative leader in metal and plastic fittings for piping systems, including drinking water, cooling water and heating. Customers from all over the world also come to VSH for gas, sprinkler, solar, compressed air, steam and high-pressure piping systems. As a Dutch company we are proud to also play a leading role in fire protection, both at home and abroad.

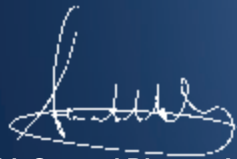
Renowned companies in the fire protection business have been amongst our customers for many years. They all trust in the high quality of our complete piping systems for sprinkler systems, direct mains-fed sprinklers, water mist systems, fire hose reels, dry risers and other applications.

As a fire protection company, you need extremely reliable business partners for long-term relationships where quality and trust are paramount. Partners with outstanding technological expertise, top-notch solutions, continuous innovation and financial strength. At VSH, we offer you all that. Not least because we are a part of Aalberts Industries. A strong, international, listed undertaking with 150 companies worldwide, employing a total of 12,000 employees. This makes it possible for VSH to work closely with colleagues based all over the world. All of whom are specialists in building services, industrial systems and the maritime sector.

With over 80 years of experience and a wealth of knowledge, we are the ideal partner to implement your solutions. We enjoy undertaking this role, and we aim to continue doing this in the future. Our promise is more than just a slogan: VSH Connects.

Visit our website www.vsh.nl for more information. If you would like to know more about our products and systems and get a glimpse of our factory, you are always welcome in Hilversum. Simply call +31 (0)35 66 84 330 to make an appointment.

Best regards,



André in het Veld, General Director VSH

We
connect.

The right solution, always and everywhere

With the most extensive selection of piping systems and accessories on the market, VSH offers you a great deal of choice. Our range of products are suitable for numerous applications. Whether it is residential and non-residential construction, the automobile industry, the chemical industry or shipbuilding, we will stock it. **But VSH does more.**

VSH EXTRAS:

- + Innovative concepts
- + Installation support
- + Customer service
- + Exclusive training courses
- + Online information and selection tools



Top quality

Easy installation, security and top quality are the main focus at VSH. We produce complete product ranges using high-quality production methods and satisfy the most stringent requirements. Our products have all major national and international quality and approval marks.



Working with VSH

In everything we do, we aim for an optimal match with the way you like to work.

In depth stock Our products are always available, no matter where you are.

Choose the right parts We give you clear and complete product information and handy online selection tools to help you find the best solution for your application.

Unrivalled support Our experienced Customer Service staff can answer all your questions and give you reliable advice. You can be assured of having access to the right specialised knowledge and excellent support, no matter where or when you need it.

Lead the way We offer a wide range of training courses so you can always use our latest solutions correctly in practice.

Fire Protection



Easy installation, reliable connections and experts who are always there for you

THE PLUS OF VSH SYSTEMS

- + Safe, complete and reliable piping systems
- + Simple, fast connection technology
- + Lightweight, economical in terms of space and time
- + High quality proven in practice
- + All required approval marks satisfied
- + Complete range of fittings and tubes from 12 to 108 mm
- + Universal press tools
- + One partner, one contact person, one warranty



Industrial piping systems must meet stringent requirements. VSH offers certified piping systems that comply with these requirements, including safety, ease of installation, installation space, sustainability, hygiene and cost-effectiveness. **Reliable connections, easy installation and safety are our top priorities.**

Various applications

VSH gives you an unprecedented range of options for fire protection. Everything from regular sprinkler systems, embedded piping and fire hose reels to special high pressure applications up to 1,200 bar. You are always assured of high-quality systems with simple and reliable installation. All VSH systems are extensively tested and easily comply with international quality and safety requirements.

Fast installation

VSH systems are simple to install and have a quick installation time. VSH systems with press fittings can be installed up to three times faster than systems with threaded fittings. Fast, clean installation minimises disruptions and nuisance in the installation area, with little or no downtime.

Clean

VSH XPress Sprinkler is a clean connection. No machining, such as cutting threads on pipes, is necessary during installation, and no lubricants are needed for assembly. That makes VSH XPress ideal for use in operational environments. Clean installation also avoids corrosion in the piping system.

Safe

VSH continuously improves its systems. The press fittings have numerous safety features, such as the leak-before-pressed function, integrated insertion depth markings and clear material type markings. This minimises mistakes and errors.

Light and compact

The total weight of an installation is reduced thanks to the use of precision tubing and an optimised fitting design. In addition, the fittings are designed so as to take up a minimum amount of space.

Quality and availability

VSH products are manufactured in our modern, ISO certified and automated factory in Hilversum (The Netherlands). Delivering top quality is our main focus, so we maintain strict quality control in the production process. VSH products are available from our trustworthy network of dealers at home and abroad.



VSH piping systems excel in the most varied circumstances. They are particularly suitable for use in fire protection systems in residential and non-residential buildings, shipbuilding and industry.



VSH

Your partner for
fire protection



Sprinklers

VSH XPress press fittings are available in three different materials for sprinkler systems: galvanised steel for wet systems, stainless steel for wet or dry systems, and multilayer plastic for embedded sprinkler lines. The various types are approved by many testing organisations including VdS, FM, LPCB and UL.

Water mist

Along with conventional sprinkler systems, low-pressure and high-pressure water mist systems are becoming increasingly popular. VSH has the right fittings for both systems. VSH XPress stainless steel is mainly used for low-pressure water mist systems, and VSH XPress HP is ideal for high-pressure water mist systems.

Mains-fed sprinklers

VSH has developed a direct mains-fed sprinkler system for residential applications, in cooperation with BAM Techniek, Siron, TU Delft and the fire brigade. This unique sprinkler system is connected directly to the water mains and eliminates the need for costly additional systems. This approach gives you a low-cost and reliable system that is easy to install. The main objective of a direct mains-fed sprinkler system is to prolong escape time.

Dry risers

Up to 2009 conventional fire risers were commonly used in the Netherlands. In close cooperation with the fire brigade, VSH introduced high-pressure dry riser technology. The VSH XPress stainless steel system, with a maximum rated working pressure of 40 bar, is used for high-pressure dry risers. Water is fed more quickly to the fire, installation is easier and fewer demands are made on the fire brigade. These are just a few of the benefits of this successful innovation.

Fire hose reels

VSH offers a wide range of options for connecting fire hose reels. You can choose from VSH Super compression fittings, EA Protect check valves, plastic pipe work, nozzles and VSH press fittings in stainless steel or copper – VSH always has exactly what you need.



Fire Protection

VSH

Excellent in residential and
non-residential buildings,
shipbuilding and industry



Existing and new buildings

VSH piping systems give you the assurance of quality and reliability
in all market segments, for both new build and renovation.

VSH XPress

VSH XPress galvanised steel, stainless steel and copper M-profile press fittings and thin-walled tubes with a maximum operating pressure of 16 bar are suitable for the following applications:

- Sprinkler or water mist systems
- Wet pipe and dry pipe fire sprinkler systems
- Fire reel connections
- Compressed air systems
- Gas systems
- Vacuum lines
- Drinking water and cooling water systems
- Heating and cooling water systems
- Steam systems
- Solar energy, heat pump and fuel oil systems

VSH XPress HP

VSH XPress HP is a press-fitting system for thick-walled tubes for high-pressure lines with maximum operating pressure up to 1,200 bar, such as:

- Sprinkler or water mist systems
- Process water systems
- Heating and cooling water systems
- Compressed air systems
- Gas systems
- Vacuum lines
- Steam systems
- Oil and gas lines

VSH Super

VSH Super brass compression fittings with a maximum operating pressure of 10 bar are used for:

- Fire reel connections
- Potable water and process water
- Heating systems
- Vacuum lines
- Gas systems





VSH
Unparalleled
freedom of choice



Want to know more?

For a complete and up-to-date overview of all products, tubes and tools, please visit:

www.vsh.nl

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 at a detailed level. 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 80 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.

VSH Connects.

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



Fire Protection



You can rely on VSH products and systems for top quality and the best solution for every situation. VSH systems stand for quality, innovation, ease of installation and reliability.

VSH Super

Press fittings for drinking water, gas, heating and solar systems. VSH Super is suitable for steel, copper and plastic tubes.

XPress

Piping system with M-profile press fittings in three types of material: galvanised steel, copper and stainless steel. XPress is suitable for heating, cooling, water, gas, solar, compressed air and fire protection systems in residential and non-residential buildings, shipbuilding and industry.

XPress HP

VSH XPress HP supplies an O-ring pressure seal system that is perfect for pipe systems in industry, shipbuilding and fire safety systems operating under high pressure and/or high temperatures.

SudoPress

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

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