

Viega.

CONNECTED
IN QUALITY.

viega

Viega.

CONNECTED IN QUALITY.



We are convinced: Quality is everything. Without quality, everything means nothing. That is why our ambition is to exceed ourselves – each and every day. By looking for regular dialogue with our customers. By developing better products and service features. And by leading our company into the future without ever losing sight of and appreciation of our heritage.

In everything we do we are connected in quality. This is not something new, but has been our leitmotif since the company was founded over 115 years ago with the vision of revolutionizing installation technology. With over 4,000 employees and ten international locations we now rank amongst the leading international suppliers of installation technology – while remaining a family-owned company that sets its own standards. Which is how we ensure quality ‘made in Germany’ and products of the highest grade, worldwide.

It is really important for us to support our customers in their daily work. We coordinate materials, technology and comfort, take time for quality management and invest in research and development. The result is a perfectly tuned system providing over 17,000 products – that are available whenever our customers need them. As a company operating across the globe, we are also committed to sharing our know-how with our customers all around the world.

Because we are convinced: **Quality is everything. Without quality, everything means nothing.**

4-13

A **company** that leads the way
towards the goals of the future.



14–27

Products that enable maximum performance.



28–35

Service features that make us the partner of our customers.



PROGRESS THAT STAYS TRUE TO OUR VALUES.

Our benchmark for our business.

A pioneer in many fields of expertise

**Diverse innovations that have
revolutionized the market**



Over **115** years of family ownership

A GLOBAL MARKET LEADER. AND STILL A FAMILY BUSINESS.

Our benchmark for our own business culture.

A family-owned company in its 4th generation



Founded in

1899



A family-owned company

Franz-Anselm Viegener founded this family-owned company in 1899, thereby laying the foundation stone for the success story behind today's Viega. It all began with the production of beer taps that were sold to the local breweries. But the company grew fast, and the number of products increased. The first additions were drain fittings and overflow fittings, and then, when the first branch works were opened, the range was further extended to include copper pipe connecting elements and plastic products for sanitary facilities. In the mid 1990s and in the year 2000, Viega revolutionized the market twice in quick succession: first with the introduction of the Viega copper press system, then with SC-Contur. And we have not stopped there.

A global enterprise

With ten locations across the globe, over 4,000 employees and a wide range of products that covers the entire installation technology segment of the HVAC sector, Viega now ranks as one of the leaders in this area. Notwithstanding this impressive expansion, we have succeeded in maintaining those standards that have characterized the company from its earliest days – and that are still the decisive force that drives our success. Furthermore, those people who make Viega what it is, namely our employees, are central to us. Thanks to intensive programmes of advancement and training, we achieve two goals at the same time: Not only do we make Viega successful as a company, but each individual person as well. For we don't merely think from one quarter to the next, but from generation to generation.

Over

4,000

employees worldwide



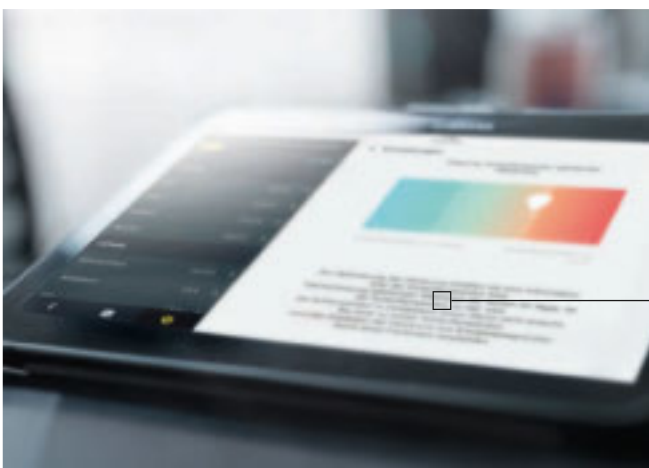
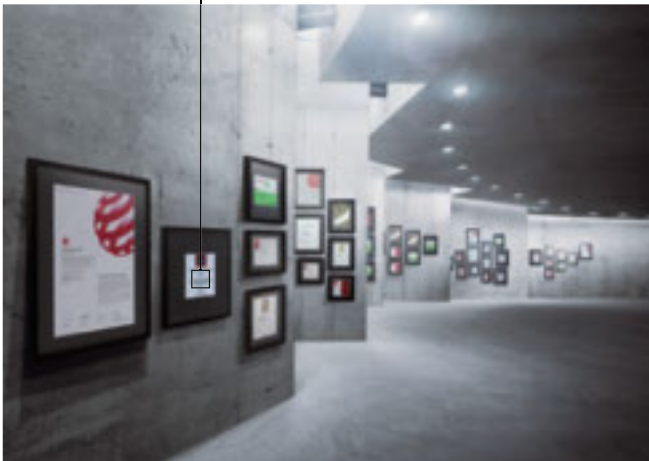
ALSO PLAYING A LEADING
ROLE IN ADDRESSING THE
ISSUES OF OUR TIME.

Our benchmark for corporate responsibility.

Drinking water quality



Over
100
design prizes



Providing answers to the important questions

As representatives of an enterprise that operates on an international scale, we at Viega fulfil our own standards of answerability. Therefore we are especially concerned about fundamentally important sector issues, we take an active part in the elaboration of standards and regulations, we pass on what we know in seminars and in doing so we develop our own fields of competence. This is what enables us, together with our customers, to grow with the daily challenges that this sector poses.

Drinking water quality

Viega's core competence: maintaining drinking water quality. This means that our activities in this area go far beyond simply developing products and using the right materials. Drinking water is uniquely valuable, and it is not without good cause that it is one of the most strictly monitored commodities. For this reason we regard it as a matter of course that we offer our customers comprehensive service and relevant seminars aimed at maintaining drinking water quality. Our innovative solutions come into their own when this wealth of knowledge is properly put into practice. As is the case with the products that feature the Viega Hygiene+ function which helps to prevent stagnation and critical temperatures in drinking water installations.

Design

Viega has also remained very active in the pre-wall domain. In the pre-wall and drainage technology sectors we manufacture products that are technologically state-of-the-art, and also consistently set new design standards – that are regularly acknowledged in the form of corresponding awards. Over one hundred design prizes tell their own story, at least as impressive as the clear and elegant lines of the products themselves.

Fire protection

Viega routinely demonstrates its competence in the area of fire protection as well. Our comprehensive range of piping systems and combinations with fire protection certification fulfil all the strict regulations designed to prevent fire. For instance, all Viega piping systems can be installed with zero spacing. This means that it is possible to implement piping configurations in particular that go considerably beyond the standard requirements. And provide the best possible basis for safe building installations.

Energy efficiency

Viega sees it as its global responsibility to ensure that energy is used sparingly and efficiently – and then goes on to do that as a matter of course. With our innovative radiant heating and cooling systems and insulation for our piping systems, we enable our customers to practise sustainable and energy-efficient construction as well. In addition, we also provide support in both the planning and execution phases. For instance, our state-of-the-art installation technology leads to a significant reduction in consumption, whereby just enough energy is supplied to meet the requirements of the given situation.

Energy efficiency

INNOVATIONS THAT BENEFIT A WHOLE INDUSTRY – AS WELL AS OUR CUSTOMERS.

Our benchmark for the development of new products.

**Interdisciplinary competence teams
for research and development**



Thinking ahead

Being satisfied with what has already been achieved – that has never been Viega's way of doing things. We have a large team of researchers and developers, and every day they devote their energy and brainpower to the job of improving products and raising standards with new approaches. One example of this can be seen in the introduction of our copper press technology, which has resulted in our becoming the global market leader for metal press connection systems. Another is the invention of Viega SC-Contur with which we have revolutionised installation technology. And again: Advantix Vario, the world's first cut-to-size shower channel as well as the Multiplex Trio E electronically controlled bathtub fitting, two more products with which Viega has proved its worth.

Getting ahead

It is no problem to underpin these statements with hard facts. Viega has filed many first-time patent applications that amply prove our claims and our innovative potential. On top of that, this powerful spirit of inquiry has had a dramatic effect not only on every single product, but also on the entire range of products. This is why, time and again, Viega's innovations across the whole product palette regularly become market drivers.

Global market leader for metal press connection systems



Numerous first-time patent applications

1995

Introduction of Viega Profipress



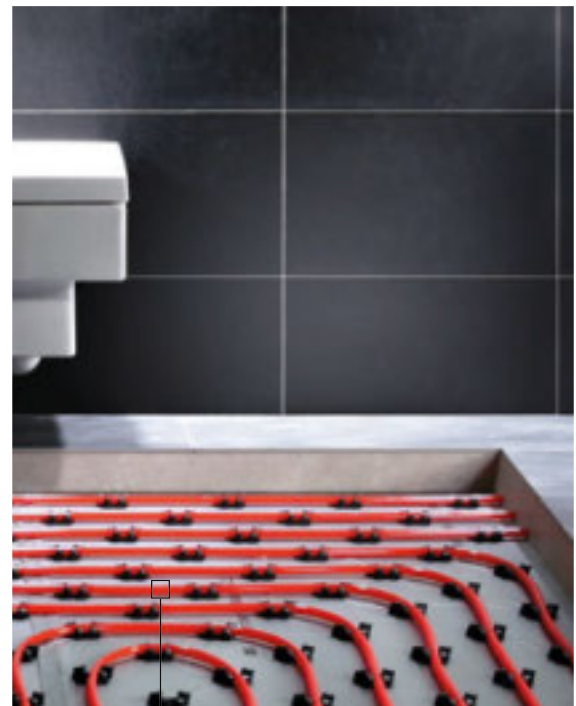
2000

World premiere: Viega SC-Contur revolutionizes press technology by making unpressed connections visible



2007

Introduction of the Visign for More and Visign for Style design lines



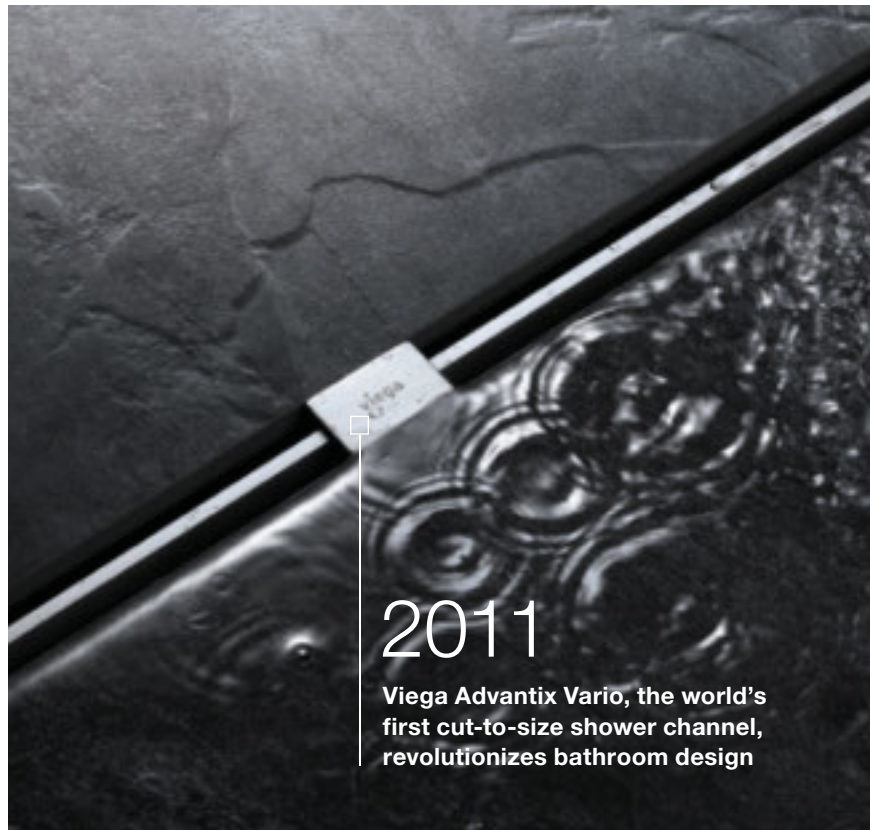
2007

Introduction of the Fonterra radiant heating and cooling system



2009

The Multiplex Trio E electronically controlled bathtub fittings combine simplicity of use with award-winning design



2011

Viega Advantix Vario, the world's first cut-to-size shower channel, revolutionizes bathroom design



2009

The optimized Viega Raxofix gunmetal connectors ensure minimal pressure loss in plastic pipelines



2014

Viega Megapress allows for pressing thick-walled steel pipes

EXPLORING ALL POSSIBILITIES. TO MAKE THEM AVAILABLE TO OUR CUSTOMERS.

Our benchmark for our own products.

A perfectly harmonized,
integrated system

17,000
products for all areas of use





High-quality materials to
secure high-quality results

10

international locations

THE RIGHT INSTALLATION TECHNOLOGY FOR EVERY FIELD OF APPLICATION.

Our benchmark for our product range.



Buildings technology

Drinking water installation

Gas installation

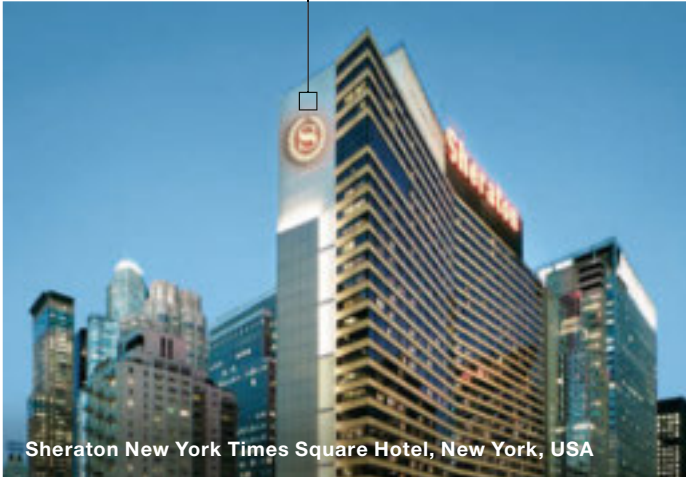
Heating installation

Drainage technology

Pre-wall technology

Radiant heating and cooling

Hotel industry



Sheraton New York Times Square Hotel, New York, USA

Taking everything into account

Viega's introduction of copper press system technology secured worldwide recognition and Viega quickly advanced to become the global market leader for metal press connection systems. And we also lead the way as system suppliers in many areas of the installation technology field. Our customers can rely on our exactly tailored system solutions – as well as highest levels of quality – not only in building construction, but also in industrial plant construction and shipbuilding.

Buildings technology

With its products for buildings technology, Viega sets benchmarks again and again. Our system solutions for drinking water, gas and heating installations are appreciated for being technically thought-through, practical and comprehensive, as well as being suitable for various special purposes. For instance, our piping systems are often used in hospitals, where drinking water quality is of the utmost importance, and in stadiums and other sports facilities, where the system must be able to supply sufficient capacity for brief peak loads. In addition, we supply products for the pre-wall and drain areas: Always a synthesis of technical excellence and superb design. This is a point of special importance in the hotel industry, where bathroom appointments are becoming increasingly important selling points. To round off this sub-range, we have special solutions for radiant heating and cooling requirements that provide an ideal combination of comfort and maximum efficiency.

Industrial plant

The demands made on piping systems in industrial plant construction are particularly exacting. They need to be able to withstand extreme stresses reliably and over long periods of time. We offer many solutions in this sector that not only fulfil these criteria, but also provide cost advantages on account of their fabrication benefits.

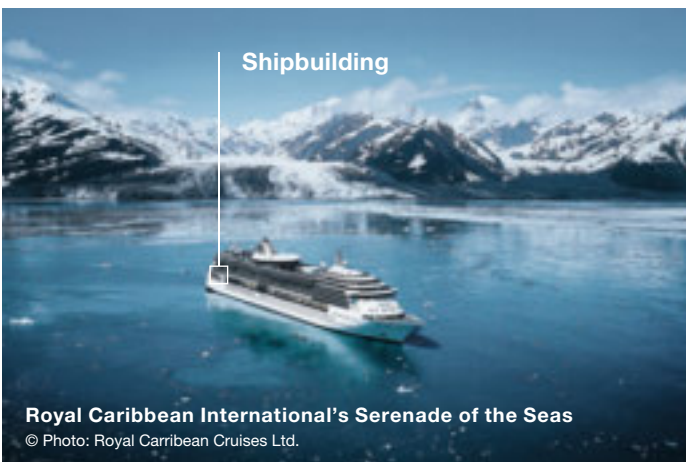
Shipbuilding

Shipbuilding requires extremely high-performance piping systems. They are exposed to dual stresses coming from the conducted medium on the one hand and extreme external conditions on the other hand. This means that the material must be unusually robust and durable, and in addition cramped installation spaces and strict safety regulations place even more stringent demands on the assembly situation. A huge challenge – that we meet and overcome with our top-class products on all the seven seas.

Industrial plant



Shipbuilding



Royal Caribbean International's Serenade of the Seas

© Photo: Royal Caribbean Cruises Ltd.

ACHIEVEMENTS SPEAK LOUDER THAN WORDS.

Our reference projects.

The Dalí Museum, St. Petersburg, USA

© Architects, Design: HOK





The Pentagon, Washington, D.C., USA



Childrens' Oncological Clinic, Moscow, Russia



Allianz Arena, Munich, Germany

© Photo: Allianz Arena München Stadion GmbH

Only the best

For Viega, no individual customer is any more important than another. Having said that, we are of course still proud to see our products being used in a large number of particularly prestigious construction projects. Especially where they have been selected solely on the basis of their high quality and reliability.

So one common denominator is that our products are frequently found in major projects in which systematic ensembles play an especially large role. As well as, of course, where extremely demanding circumstances require the use of highest-quality materials and safety is of prime concern. This is where our products are chosen especially often.

CREATING A RANGE OF SYSTEMS IN WHICH INDIVIDUAL SOLUTIONS FIT TOGETHER PERFECTLY.

Our benchmark for holistic system solutions.

Drainage technology

One manufacturer supplies all

The demands placed on buildings technology are becoming more and more complex. Exact planning and thoroughly thought-through solutions go a long way towards meeting these challenges. Viega offers a comprehensive range of products that are all coordinated with each other. That applies both to the system as such as well as to the materials used. This means that our customers can order complete solutions from us, safe in the knowledge that all items fit together and compatibility problems during installation simply cannot arise. Sub-system interfaces not only match each other perfectly, but they can also be connected fast and easily.

When all fittings fit

Our piping systems guarantee highest quality, pioneering safety technology and excellent cost-effectiveness. They are being developed all the time to ensure that they fulfil standards, comply with regulations and also serve the needs of those using them – not only at present, but in the future as well. The broad range of application includes not only buildings technology, but also industrial plant and shipbuilding. In addition to that, our competence in the area of plastics processing means that we can also supply a large number of products for radiant heating and cooling applications. These systems can regulate the temperature on a scale that ranges from small residential houses

Piping technology

Design

Pre-wall technology

Radiant heating and cooling

to large industrial plants; in all cases their innovative control solutions ensure maximum energy efficiency. Finally, with our pre-wall and drainage products we have introduced sophisticated technology, award-winning design and new levels of comfort into bathrooms everywhere. Our pre-wall systems allow for a broad scope of possibilities, and yet remain simple to assemble. What users actually see is equally impressive: flush plates of high-quality materials, with a fascinating and subtle design and technical highlights such as touchless infrared flush actuation. And then our shower channels and drain fittings perform outstandingly even where space is restricted, and there, too, the design is simply in a class of its own. As

indeed is the case with our electronically controlled bathtub fittings, yet another demonstration of our innovative capacities.

100 %

high-quality materials

MATERIALS THAT COMPLY
WITH STANDARDS.
AND OFTEN EXCEED THEM.

Our benchmark for the quality of materials.

Viega RN 25

Viega 28

viega

Highest quality right from the start

With Viega, commitment to the highest quality begins with the choice of materials. Only materials that come up to our strictest specifications have a chance of being used to manufacture our products. This applies with regard to more than just a single criterion. So choosing the right material for products that come into contact with health-relevant media such as drinking water is just as important as when products are subjected to unusually high stresses.

Why we can rely on ourselves

To be sure that we can come up to our own expectations, we maintain our own production facilities. Our foundry, one of the most modern plants in the whole of Europe, and state-of-the-art production facilities ensure that our own innovations are brought to perfection through the use of high-grade materials. We not only comply with applicable standards and regulations; in many cases we go way beyond them.

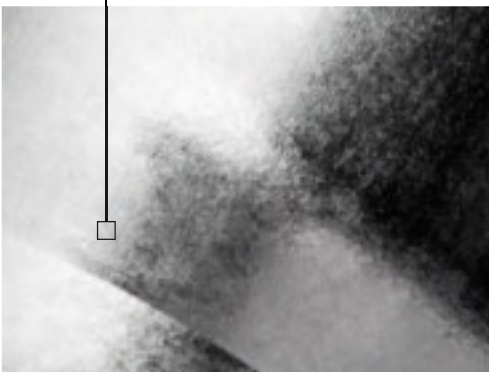
The origin of clean drinking water

Selecting the right materials is always important; in the case of drinking water it is absolutely essential. For this reason we put great store by using materials that exclude any possibility of drinking water quality being compromised. This is the first, important step towards maintaining drinking water quality.

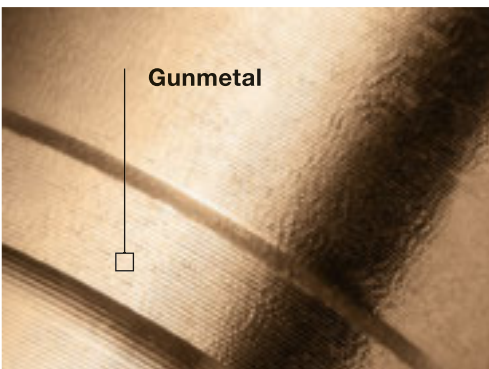
Materials for all areas of use

Being able to fall back on a range of different materials means that we have the right one for each and every area of use. Stainless steel is particularly suitable in installations where drinking water is involved, and also where media are mixed. Copper, on the other hand, is a reliable all-rounder, usable under many different circumstances. With gunmetal it is much the same. It can be used safely for drinking water installations, while at the same time this material is very durable and can stand up to the toughest conditions. Other materials such as zinc-nickel plated steel or C steel come into their own where cost-effectiveness and extreme wearing strength are required. Finally, plastic has an almost unlimited range of uses. High-performance polymers provide for great flexibility and cost-effectiveness in piping systems, as well as being high-quality, innovative materials in drainage technology.

Stainless steel



Gunmetal



Plastic

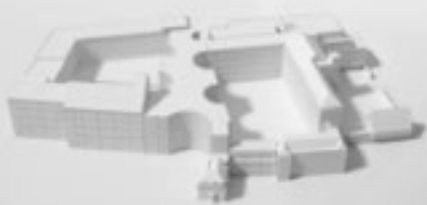


Copper

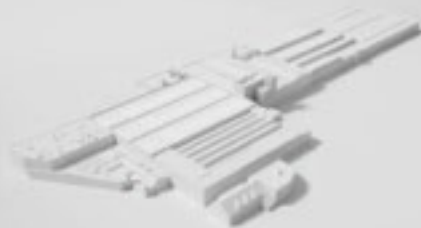


ENSURING GERMAN STANDARDS OF QUALITY. IN EVERY COUNTRY AROUND THE WORLD.

Our benchmark for manufacturing and engineering.



Viega administration,
Attendorn



Lennestadt-Elspe works



Attendorn-Ennest works

5

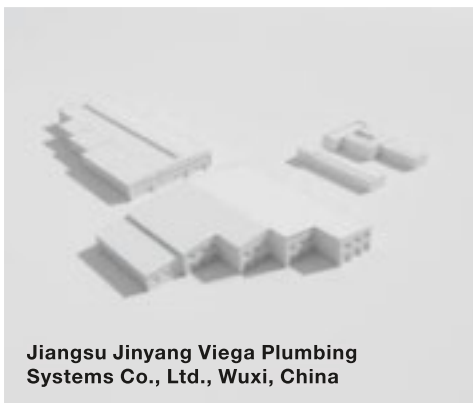
locations in Germany



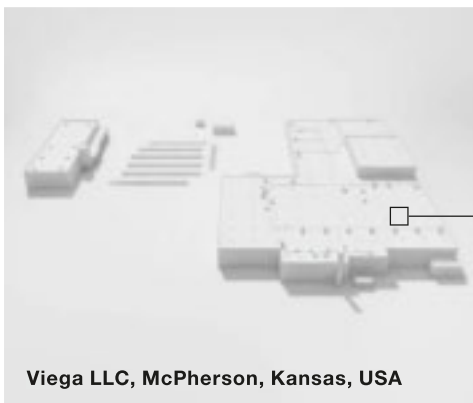
Großheringen works



Niederwinkling works



Jiangsu Jinyang Viega Plumbing Systems Co., Ltd., Wuxi, China



Viega LLC, McPherson, Kansas, USA

Highest standards


For a company that sees itself as being connected in quality, the way forward is clear: uncompromising standards in development and production. So it goes without saying that both research and production are governed by the top quality principle. We achieve this thanks to our highly qualified staff who provide for absolute precision and reliable products in modern research and development laboratories and production facilities.

Made in Germany

Our clear commitment to production in Germany plays a significant role regarding the high quality of our products. For here we can maintain and monitor the highest possible standards. And in all the other five locations outside Germany products are manufactured locally that meet German standards. That is what enables us to provide a high degree of availability and constant high quality 'made in Germany'.

5

international locations operating to German standards



ENSURING THAT OUR
CUSTOMERS CAN RELY
ON EACH ITEM WE
MAKE. COMPLETELY.

Our benchmark for manufacturing.

**Endurance testing
in the refrigeration
chamber at -30°C**

Over 100

true-to-life testing methods

100 %

safety and reliability

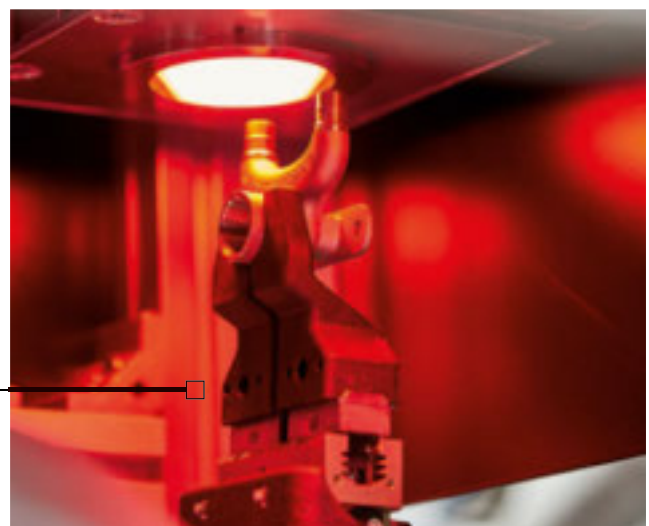
More testing than in real life

Viega products must be able to cope with all the stresses and extremes that come from daily use. So before that they have to pass our own stringent tests. Our long-term and high-load testing ensures that all our products receive our approval and also comply with standards, legal requirements and regulations (and frequently do better than them). The products are designed not only to be able to cope with everyday demands, but also with extreme situations. For instance, all our piping systems must be able to withstand temperatures of minus 30° C without any detriment to their rated specifications. In parallel, new products and techniques are subjected to real-life testing on several test construction sites in order to demonstrate their suitability for everyday use.

Guaranteed tested

These product tests set their own standards: Our quality controls are second to none. Every single connector is subjected to stringent controls before it leaves our factory. This includes visual inspection under the trained eyes of our staff, as well as precise scanning by means of the most modern camera and laser technology. So that our customers can rely on each and every component to 100 %.

long-term and permanent load tests



Several quality controls and visual inspections for each individual product

NEVER LOSING SIGHT OF THE BIG PICTURE WHILE ALWAYS SEEING EYE-TO-EYE.

Our benchmark for service features.

15

international seminar centres in
which we share our knowledge
with our customers



An aerial photograph of a construction site. The ground is light-colored concrete. Numerous vertical columns of rebar are visible, some with wooden formwork. Workers in various colored shirts and hard hats are scattered across the site. A blue crane is visible in the upper left. The scene is busy with construction activity.

100,000

storage positions in our logistics facilities
ensure permanent availability of our products

Local advice and support in over **50** markets worldwide

BEING AVAILABLE
AROUND THE CLOCK.
FOR OUR CUSTOMERS'
DAILY BUSINESS.

Our benchmark for customer service.



A partner to our customers

Our customers' success is not an incidental matter to Viega – it is what motivates us in our daily work. We see ourselves as a partner who can supply products and innovative solutions. And this includes personal contact, support in the form of problem-solving suggestions and direct advice for all kinds of issues. This can, of course, involve our own products – but just as well current market matters and challenges. Therefore we already provide support to our customers in project planning stages, and continue this while the project is being carried out. For instance, we have comprehensive software applications that automatically integrate current standards and regulations into calculations. This ensures a high degree of planning reliability that makes a significant contribution towards hygienic, efficient and cost-effective installations.

Constantly available

Our commitment to highest quality is not confined to production: In order to be available to our customers every day we put great store by our customer proximity. A large number of employees both in our administrative centres as well as in the field and in our service centres are there to provide almost round-the-clock availability by several different means – direct local support, by telephone or online. In addition, our website contains a wealth of technical information about all our products and related topics.

Seeing eye-to-eye

We want to make sure that we never lose sight of the overall picture, so we keep in touch with our customers. As well as exchanging views, we listen very carefully to what they have to say, so that we know what is important to them. To this end, Viega can be found at many trade fairs throughout the world, always looking for personal contact. For that is the only way to ensure that we can provide exactly the solutions that are most beneficial to our customers.

Convenient availability by phone or online



**Personal support provided by a large number
of sales staff throughout the world**

**Direct exchange of views at trades
fairs throughout the world**

MAKING SURE THAT OUT OF OVER 17,000 PRODUCTS THE RIGHT ONE WILL ARRIVE.

Our benchmark for our company-owned logistics.



Over 17,000

products permanently in stock

Everything in stock – every day

Viega's logistics facilities belong to Viega, which is why here, too, they set sector standards in terms of product availability and service provision. Looking to the future, we are continuing to expand capacity and now have almost 100,000 storage positions. This means that we can keep over 17,000 products in stock, i. e. immediately available. This covers the current range of products as well as many spare parts. So reliability starts from the moment an order is placed.

Supplying peak performance

Our logistics facility is not just impressively large – thanks to intelligent data processing routines, it is also one of the most modern ones. First-class technology ensures that material flows, incoming goods, removal, order picking and dispatch are perfectly synchronized. Checks and double-checks practically exclude the possibility of error, so deliveries are complete as well as being unusually fast and punctual. In addition, it is possible to tailor deliveries and considerably speed up storage procedures by integrating customer-specific data and accommodating individual requirements. And customers can simply rely on every single delivery.

Customized deliveries to suit individual customer requirements



Punctual deliveries according to schedule

Germany,
Attendorn
Großheringen
Niederwinkling

Italy,
Bologna

Austria,
Seewalchen

The Netherlands,
Naarden

Denmark,
Copenhagen

Croatia,
Zagreb

Hungary,
Budapest

USA,
Nashua,
New Hampshire

Poland,
Warsaw

Australia,
Sydney

USA,
McPherson,
Kansas

Russia,
Moscow

China,
Wuxi

KNOWING WHAT THE
FUTURE HOLDS.
AND DELIVERING IT TO
OUR CUSTOMERS.

Our benchmark for our 15 international seminar centres.



Sharing knowledge

In over 115 years, Viega has gathered a huge fund of experience and important know-how. But it is by no means our intention to keep this knowledge to ourselves. We much prefer to share it with our customers. And that is what we do in 15 seminar centres spread over the globe. Always up-to-date, always relevant, and, especially, accessible to everyone – from the trainee to the entrepreneur, from the plumber to the specialist planner, from the engineer to the architect.

Conveying content

The key to the success of the Viega seminars are the people who pass on our knowledge to our customers. Respected experts and seminar instructors disseminate both practical as well as theoretical content in seminars that are carefully tailored to the needs of our customers. The same recipe applies whether the subject matter concerns the latest standards and regulations or such important issues as maintaining drinking water quality or current installation techniques. Viega seminars cover a broad spectrum of subjects, and they provide our customers with opportunities to improve their own knowledge and experience. This area of activities rounds off Viega's overall portfolio, consisting of high-grade products, comprehensive service and first-class advice and guidance – together providing the best possible support for our customers in their daily work.



QUALITY IS EVERYTHING.
WITHOUT QUALITY,
EVERYTHING MEANS
NOTHING.

Viega. Connected in quality.

Whether we are developing innovations, manufacturing products, communicating with our customers or managing our business – in everything we do we are connected in quality. A standard that we live up to each and every day.

