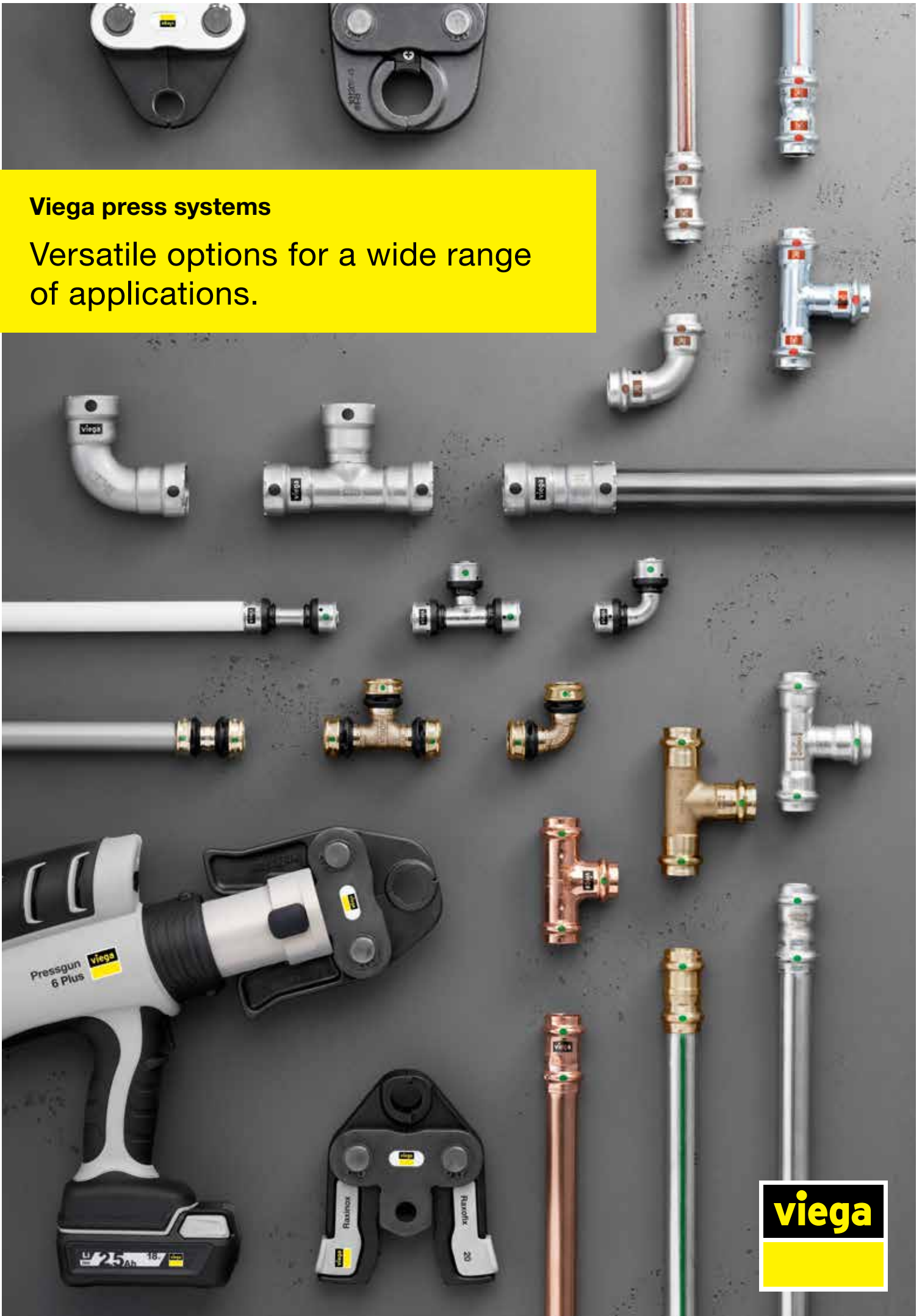


Viega press systems

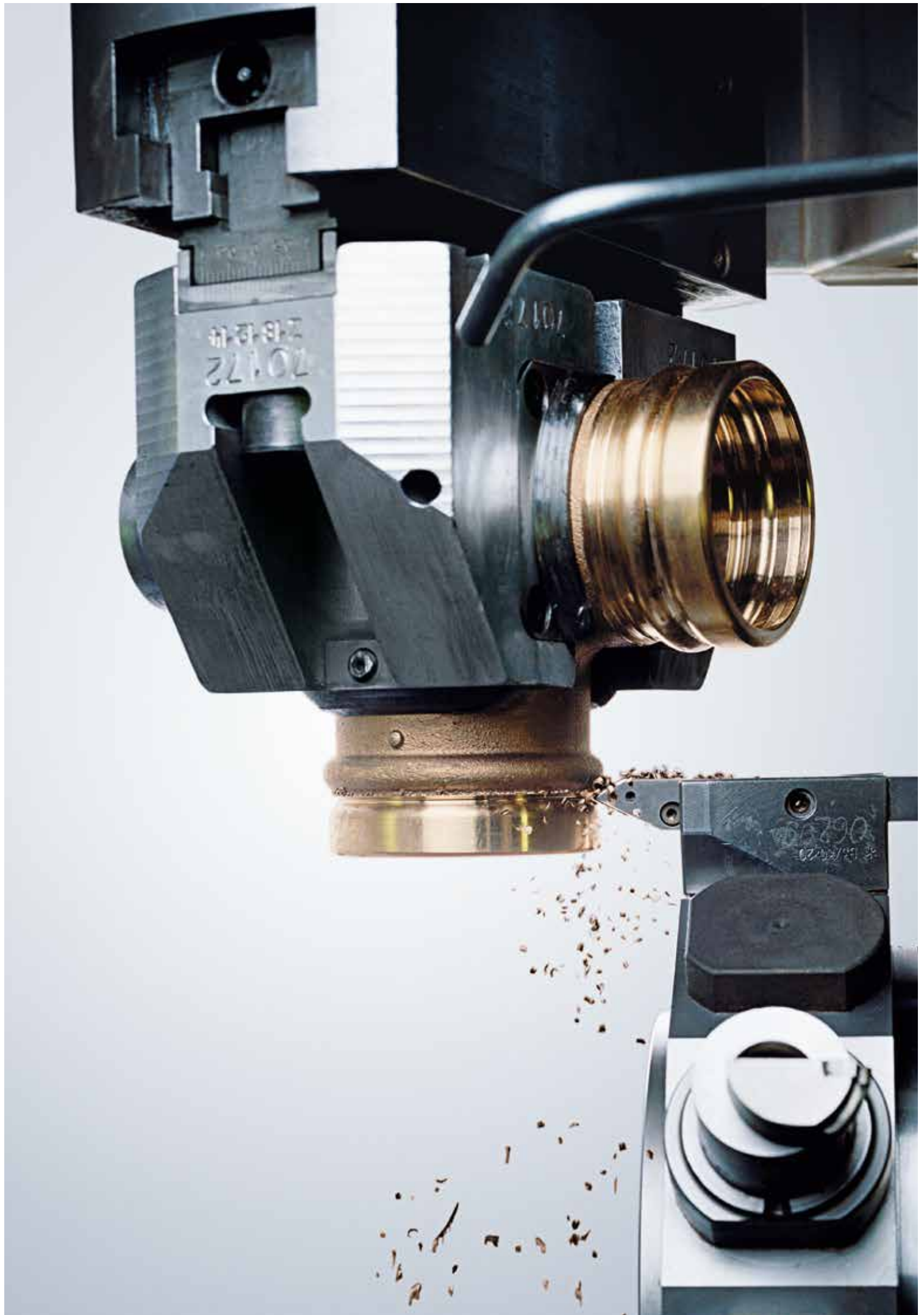
Versatile options for a wide range of applications.



viega



Brochure includes products that are not available in every country. Please contact your field sales force.



Viega.

CONNECTED IN QUALITY.

Here at Viega we know: Quality is everything. Without quality, everything means nothing. That's why we strive to surpass ourselves each and every day. And it's why we're working hard to achieve our vision for the future – with active input from our customers and without losing sight of our past.

Viega has been connected in quality for over 120 years. Our family-owned company had its sights set on revolutionising installation technology from the very beginning. And now Viega has almost 5,000 employees and ten sites, making it one of the world's leading installation technology companies with a reputation for staying true to its roots and setting its own standards.

As an innovation driver, we focus on more than just products – we create solutions that make people's lives better and maintain drinking water hygiene, for energy efficiency, convenience and safety. With our intelligent systems, we are installing the lifelines for the buildings of tomorrow. We are also turning spaces into living rooms.

Viega's mission is to keep open lines of communication with customers and support them in their day-to-day work. That's why we share our expertise with customers around the world, marry materials and technology with convenience, dedicate ample time to quality assurance and invest in research and development. The result is an integrated system of more than 17,000 items that can be delivered in no time without any hassle.

Quality is everything. Without quality, everything means nothing.





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Viega press systems

RELIABLE CONNECTIONS FOR A WIDE RANGE OF APPLICATIONS.

With a variety of different press systems made from a range of materials, Viega offers impressive solutions – in everything from drinking water, gas and heating to other applications in buildings, industrial units or ships. All systems guarantee maximum safety, comply with the applicable country-specific standards and are connected in quality – without compromise.



Viega press technology

ONE TOOL THAT CONNECTS EVERYTHING.

An extensive range of press connectors, numerous innovations in the area of cold pressing and a determination to produce nothing but the highest quality standards have made Viega an innovation leader in press technology. This applies equally to drinking water, gas, heating and special applications.



Connected in quality

Anyone who chooses press connection technology from Viega is choosing the very best quality. There is a reason why Viega is one of the world's market leaders in metal press systems. This has been made possible through in-house production, painstaking quality assurance and the company's self-defined goal of continuous development.

Easy to fit – reliable in use

Press technology offers clear advantages. Aspects such as fire risk, laborious fire protection precautions and the unsightly traces of fire and soldering are now things of the past. Press connecting technology is not only much easier to use, but also highly reliable because of the cylindrical pipe guide and Viega's tried-and-tested SC-Contur. This means that additional qualifications in areas such as welding are no longer required. Press connection technology can be readily used by any specialist tradesperson.

Quick and economical

Thanks to its quick processing capability, cold-press technology is far superior to other methods, including in terms of installation time. Depending on the system involved, tremendous time savings of up to 80 % are possible. In practical terms, this means work can be performed highly efficiently and more projects can be handled in the same period. In short, this technology brings huge benefits to every installation.

Convenient and easy to use

With its Viega Pressguns, Viega offers a press tool that combines convenience and safety. The flexible and space-saving press rings with hinged adapter jaw enable work to be conducted conveniently and quickly, even in narrow pipe shafts. The matching press rings make it possible for just a single specialist tradesperson to perform complex installations in dimensions of up to 108 mm in no time at all.



Large dimensions can be easily pressed using the press ring.

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ADVANTAGES AT A GLANCE

- One tool for all Viega press systems
- Quick pressing for dimensions from 12 to 108 mm
- Time savings of up to 80 %
- Economical installation requiring only one specialist tradesperson
- Greater flexibility in the use of workers, as there is no need for trained welders
- No fire risk; no fire protection measures required

Viega press connectors

MAXIMUM SAFETY.

Viega's double pressing method has made its press connection technology more secure and brought considerable improvements. Pressing in front of and behind the bead results in a long-lasting and high-quality connection.



Double press – for twice the benefit

Viega press connection technology is based on double pressing. In each pressing process, pressing is conducted both in front of and behind the connector bead (Fig. 1), thereby guaranteeing a durable, torsion-resistant and force-fit longitudinal connection.

SC-Contur: a small contour for maximum reliability

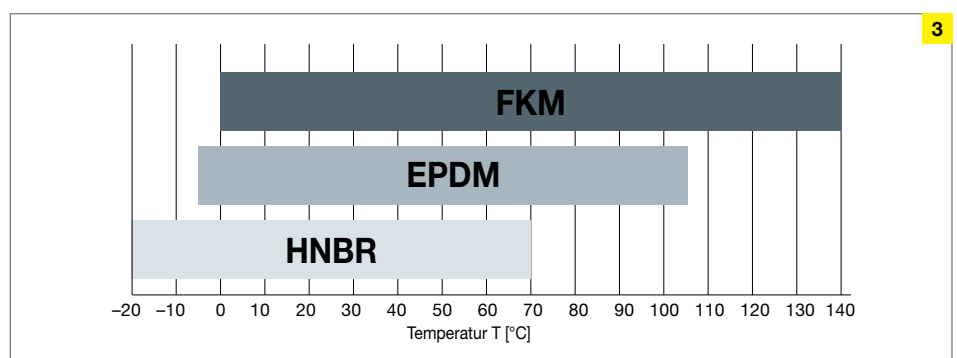
Viega's tried-and-tested SC-Contur is one of the most significant safety advances in press connection technology. It makes it easy to detect inadvertently unpressed connections. In a dry leakage test, the pressure can be seen to drop from 22 hPa to 0.3 MPa over the entire pressure range. Leaks from a system filled with water, on the other hand, are clearly visible from unpressed connections in the 0.1 MPa to 0.65 MPa pressure range.

Product marking – no risk of confusion

Every press connector from Viega is uniquely marked. The colours of the marking stand for the different areas of application: green for drinking water, yellow for gas (Fig. 2), white for special applications, blue for connectors free of paint-wetting impairment substances, and red and black for non-drinking water. Dimensions from 64 mm and up have an orange label attached to them, which is then removed after pressing.

Sealing elements – from universal to custom

Viega also accepts nothing but the best when it comes to choosing the correct elastomer material. Only premium-quality sealing elements make it possible to live up to our standard of piping installations operating without any malfunctions or maintenance throughout the entire life cycle of a building. With just three different sealing elements, Viega can offer the right solution for every application (Fig. 3): EPDM primarily for drinking water and heating installations, hydrated acrylonitrile butadiene rubber (HNBR) for gas, heating oil and diesel fuel pipes, plus FKM for special applications in the higher temperature range.



Temperature working ranges of specific materials for sealing elements in Viega press connectors. Every elastomer material exhibits the properties required for the service area in question, such as the necessary chemical resistance and the characteristic temperature working range.



ADVANTAGES AT A GLANCE

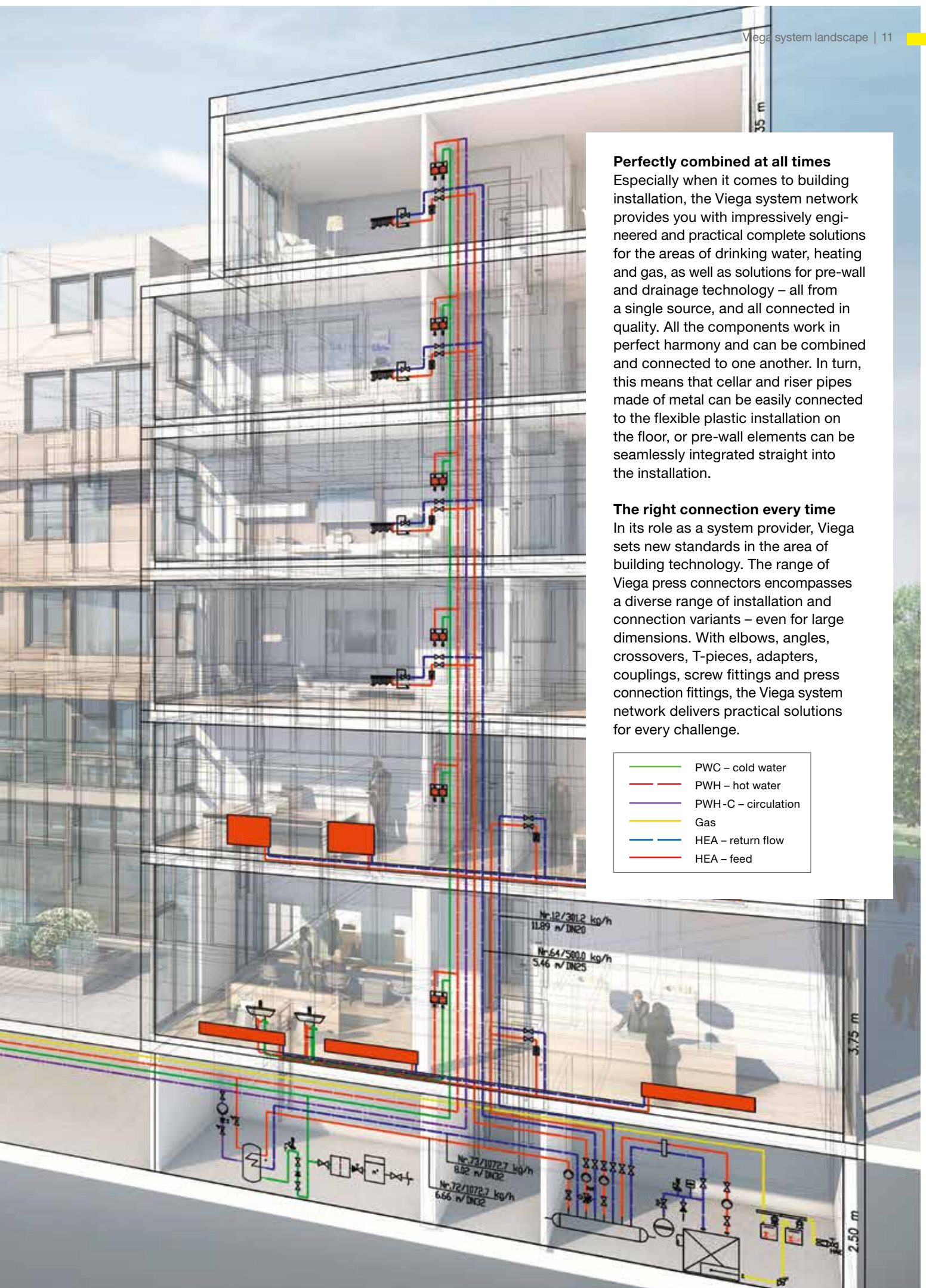
- Maximum reliability thanks to double pressing and SC-Contur
- Unique product marking eliminates any risk of confusion
- Three high-quality sealing elements for a wide range of applications



Viega system landscape

A LANDSCAPE WHERE EVERYTHING FITS PERFECTLY.

The diverse range of requirements placed on installations and piping systems are becoming increasingly more complicated. Precise planning and a detailed, carefully considered system network in which everything fits perfectly into place lighten the load and make installation significantly easier.



Viega competences

ONE STANDARD FOR ALL MEDIA.

Every system from Viega combines the finest in material quality with pioneering safety and outstanding efficiency – for drinking water, gas, heating and special applications alike. Each individual system is continuously developed and improved to ensure compliance with not only legal standards and regulations for drinking water quality and safety in gas installations, but also the increasingly stringent requirements placed on the trade.



Drinking water

Maintaining drinking water quality is a matter of prime importance to Viega. Numerous systems with pressure loss-optimised components and cross-system special components such as double wall plates, pressure test plugs and Smartloop inliner technology provide hygienic solutions for every conceivable challenge. The easy method of installing ring and series pipelines, the use of flushing stations to prevent stagnation and the dry leakage test make it possible to meet even the most stringent standards and regulations.



Heating

More than ever, everything in heating engineering comes down to efficiency – including assembly. Viega systems and cross-system special components such as cross T-pieces, crossovers, radiator connection blocks or skirting board radiator connectors comply with this requirement – in industrial and special application areas too.



Gas

Ensuring the utmost safety always has top priority where gas supply lines are involved. With Profipress G, Viega has launched the world's first approved press connector system for gas installations onto the market. Cold pressing completely rules out any risk of fire or explosion during assembly. Numerous special components, such as the gas ball valve, are all part of the extensive product range.



Special media

Many of the Viega press systems are also ideally suited to special applications, such as those in industry or shipbuilding. Details of the application area as well as the operating temperature and pressure are available in the relevant technical documents.

Viega systems

THE RIGHT SOLUTION FOR EVERY CHALLENGE.

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Viega Profipress

ONE PRESS CONNECTOR SYSTEM, ENDLESS POSSIBILITIES.

Profipress is a copper connector system that has been tried and tested a million times over and can be used for almost every application. In combination with Profipress G and Profipress S, it provides a product range of more than 800 items, which makes it a genuine all-rounder in installation technology. Our “Connected in quality” motto is applied to each and every detail – from the cylindrical pipe guide to the high-quality sealing element.

Areas of application

Profipress unites maximum safety with outstanding versatility – the potential areas of application are almost unlimited. With more than 800 individual items, the system covers the entire installation spectrum, whether a job involves drinking water, heating or other applications in buildings, industrial units or ship pipelines.

Material

In the case of Profipress, Viega consistently uses copper, gunmetal or silicon bronze. These three materials enable hygienic installation along with maximum reliability in terms of material quality, absolute dimensional stability and a long service life. All connectors are also equipped with a high-quality EPDM sealing element.

More information

In every dimension, the entire system is equipped with SC-Contur, which enables inadvertently unpressed connections to be clearly detected when a leakage test is performed.

Dimensions

The various components and solutions, available for every conceivable application, can be obtained in dimensions ranging from 12 to 108 mm – and of course, this also includes the intermediate size of 64 mm.



Profipress connectors for drinking water installations are indicated by a green dot. All connectors are equipped with an EPDM sealing element.

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ADVANTAGES AT A GLANCE

- Extensive product range including special components for any kind of installation
- Suitable for drinking water and heating installations as well as any other applications in buildings – and even in ships
- Made of copper, gunmetal or silicon bronze for maximum quality, dimensional stability and service life
- Available in dimensions from 12 to 108 mm including intermediate size 64 mm
- All dimensions come with SC-Contur
- Equipped with high-quality EPDM sealing element



Viega Profipress G

MAXIMUM SAFETY FOR GAS SUPPLY LINES.

The Profipress G press connector system offers safety at the highest level. It is perfect for routing gas supply lines and is certified in accordance with the stringent German specifications pertaining to almost all installations involving combustible media.

Areas of application

Profipress G is used wherever there is no room for compromise on safety. Featuring top-quality material and intelligent safety details, it is certified for gas installations and for heating oil and diesel fuel pipes.

Material

In the case of Profipress G, Viega uses high-quality connectors made of copper, gunmetal and silicon bronze, guaranteeing maximum safety, dimensional stability and a long service life when used in combination with the yellow HNBR sealing element.

Dimensions

Profipress G offers system flexibility from 12 to 64 mm. Screw fittings, flanges for gas valves with press connection and meter connection units with connectors for direct pressing of gas supply lines represent only a small section of the product range.



More information

In every dimension, the entire system is equipped with SC-Contur, which enables inadvertently unpressed connections to be clearly detected when a leakage test is performed. All connectors are also marked with a yellow rectangle to avoid any confusion.



Profipress G connectors are marked with a yellow rectangle to help avoid any confusion.

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ADVANTAGES AT A GLANCE

- Suitable for gas installations and for heating oil and diesel fuel pipes
- Made of copper, gunmetal and silicon bronze with a high-quality HNBR sealing element
- All dimensions come with SC-Contur and are marked with a yellow rectangle for clear differentiation
- Available in dimensions from 12 to 64 mm



Viega Profipress S

SPECIALLY DEVELOPED FOR SPECIAL APPLICATIONS.

Profipress S is always the right choice whenever a reliable press connector system is required for special applications. With top-quality material and maximum precision, Profipress S establishes perfect connections between the various heat sources.

Areas of application

Profipress S provides safe connections at high temperatures in solar or low-pressure steam systems, for example. The connectors are approved for use in low-pressure steam systems up to a temperature of 120 °C and a pressure level of 1 bar. For district heat supply systems, the maximum operating temperature is 140 °C and the maximum operating pressure is 16 bar.

Material

In the case of Profipress S, Viega consistently uses copper, gunmetal or silicon bronze. The system is equipped with an FKM sealing element. For dimensions greater than 35 mm, Profipress connectors can also be used with a retrofitted FKM sealing element.

Dimensions

In dimensions from 12 to 35 mm, Profipress S is available with a factory-fitted FKM sealing element. For dimensions from 42 to 108 mm, Profipress connectors can also be equipped with an FKM sealing element.

More information

All connectors come with SC-Contur. For greater differentiation, the connectors are packed in an orange plastic bag and marked with a white rectangle, referring to the FKM sealing element.

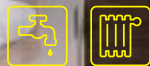


All connectors up to 35 mm feature a white dot and a white FKM marking.

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ADVANTAGES AT A GLANCE

- Ideally suited to special applications such as solar installations, district heat supply systems and low-pressure steam systems
- Made of copper, gunmetal or silicon bronze with a high-quality FKM sealing element
- Available in dimensions from 12 to 35 mm
- All dimensions come with SC-Contur
- Any confusion is ruled out by the orange plastic bag and white marking on the connectors



Viega Profipress CR

TRIED-AND-TESTED QUALITY WITH A POLISHED FINISH.

Profipress CR has all the advantages of Profipress and its chrome finish creates a highly polished appearance. The connectors, which are made of copper, silicon bronze and gunmetal, have a high-quality chrome finish on the outside and continue to offer the favourable material properties of copper on the inside. This makes Profipress CR perfect for challenging installations involving visible piping systems.

Areas of application

Like Profipress, Profipress CR is suitable for numerous areas of application. Drinking water and heating installations are not only completed hygienically, safely and quickly – to the standard expected from Viega systems – but are also visually enhanced with a high-quality chrome finish on the outside. The perfect system for all visible installations.

Material

In the case of Profipress CR, Viega uses copper, silicon bronze and gunmetal to ensure maximum dimensional stability, hygienic installation, reliable material quality and a long service life. An external chrome coating is also applied to achieve a polished appearance.

Dimensions

With press connectors in dimensions of 12, 15 and 18 mm, Profipress CR offers a wide choice and outstanding flexibility for piping systems with visible installation.

More information

In every dimension, the entire system is equipped with SC-Contur, which enables inadvertently unpressed connections to be clearly detected when a leakage test is performed.



The chrome-plated connectors are perfect for installing visible piping systems.



ADVANTAGES AT A GLANCE

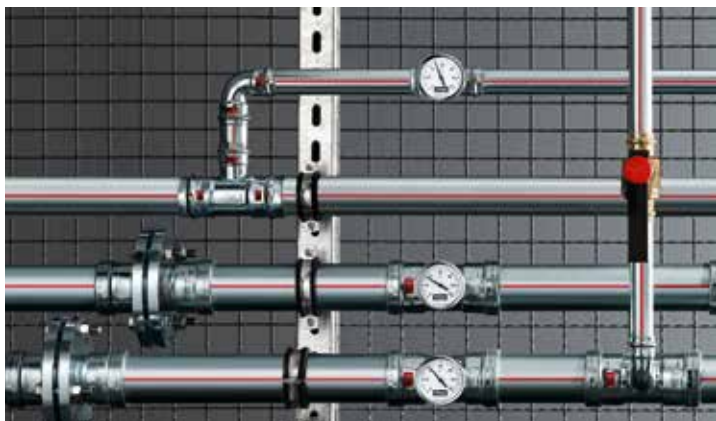
- Chrome-plated and therefore perfect for visible piping installations
- Suitable for drinking water and heating installations
- Available in dimensions of 12, 15 and 18 mm
- All dimensions come with SC-Contur
- Made of copper, silicon bronze and gunmetal, and chrome-plated on the outside



Viega Prestabo

GALVANISED STEEL FOR OUTSTANDING EFFICIENCY.

Viega products are efficient, safe and galvanised – just three of the properties that are so highly valued by experts. With an extensive product range, intelligent safety solutions and outstanding efficiency on top of that, choosing Prestabo is an easy decision.



Areas of application

The Prestabo press connector system is the efficient alternative for complex heating installations, closed cooling circuits and compressed air systems.

Material

Using galvanised steel, Prestabo combines a material proven in the market with the advantages of cold press connection technology. As an externally galvanised version, the system is suitable for heating installations and industrial units. With an additional plastic coating, it is ideal for surface-mounted installations. The externally and internally galvanised version ensures optimum corrosion protection when used in sprinkler and compressed air systems.

Dimensions

The comprehensive product range for Prestabo includes press connectors and pipes in dimensions from 12 to 108 mm.

More information

All Prestabo connectors come with SC-Contur. Prestabo pipes are also available with PP sheathing for surface-mounted installations in dimensions from 15 to 54 mm. Both the connectors and the pipes are marked with a red “Not suitable for drinking water installations” symbol.



A practical complete system in dimensions from 12 to 108 mm



ADVANTAGES AT A GLANCE

- Efficient system for closed heating installations, closed cooling circuits and compressed air systems
- System pipes are made of non-alloy steel 1.0308 in three versions: galvanised on the outside, galvanised on the outside with PP sheathing and hot dip galvanised on the outside and inside
- Unique flexibility thanks to over 400 components in dimensions from 12 to 108 mm, including intermediate size 64 mm
- High degree of reliability thanks to Viega's SC-Contur with the unpressed-unsealed function
- No risk of confusion due to clear “Not suitable for drinking water installations” red marking on pipes and connectors



Viega Megapress

FAST AND RELIABLE COLD PRESSING OF THICK-WALLED STEEL PIPES.

Megapress significantly cuts down on the need for welding work – by providing an easy, safe and efficient way of pressing thick-walled steel pipes, at long last. This method up to 60 % faster in the case of dimensions from ¾ to 2 inches and guarantees safety thanks to the SC-Contur feature.



Megapress in a heating installation with energy buffering



Areas of application

Megapress is used in installations with black, galvanised, industrially painted or epoxy resin-coated steel pipes according to DIN EN 10255 in threaded pipe quality and according to DIN EN 10220/10216-1 and 10220/10217-1 in boiler pipe quality. The system removes the need for complex adapters or strenuous welding in new installations and refurbishments of heating installations, and it is also extremely well suited to use in cooling systems and industrial plant engineering.

Material

The press connectors are made of moulded steel pipes 1.0308 and feature an external zinc-nickel coating. Megapress connectors have a profile sealing element made of EPDM. This guarantees maximum safety and durability for every installation.

Dimensions

Megapress is available from ¾ to 2 inches. The system also offers solutions for an easy transition to the intermediate sizes of 38, 44.5 and 57 mm.

More information

All Megapress connectors are marked with a black “Not drinking water” symbol and are equipped with Viega’s SC-Contur, which enables inadvertently unpressed connections to be clearly identified when a leakage test is performed.

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ADVANTAGES AT A GLANCE

- Economical thanks to installation time savings of up to 60 % compared to welding
- No fire risk due to the use of cold-press technology at the installation site
- Press connectors for thick-walled steel pipes in threaded pipe and boiler pipe qualities
- Can be used universally, regardless of whether the thick-walled steel pipe is seamless, welded, black, galvanised, industrially painted or epoxy resin-coated
- Viega’s tried-and-tested SC-Contur in all Megapress connectors
- A practical product range with many special components



Viega Megapress S

EFFICIENT, FLEXIBLE AND SAFE.

With dimensions from $\frac{3}{8}$ to 2 inches, the Megapress S connector system provides the best possible connection option to local and district heat supply systems in accordance with AGFW FW 524. The thick-walled steel pipes that are frequently used in these areas can be pressed quickly and safely. Megapress S XL is the expert choice for industrial and plant engineering. In XL dimensions from 2 $\frac{1}{2}$ to 4 inches, Megapress S XL press connections can be established up to 80 % faster than connections that require conventional connection techniques.



The Megapress S XL piping system achieves considerable time savings during installation thanks to its cold press connection technology.

Areas of application

Megapress S connectors are particularly suitable for areas of application with higher operating temperatures of up to 140 °C. The connectors can be easily used in combination with black, galvanised, industrially painted and powder-coated steel pipes.

Megapress S connectors in dimensions from $\frac{3}{8}$ up to 2 inches are also ideal for connecting local and district heat supply systems in accordance with AGFW FW 524. Megapress S can be used immediately after the building's point of entry for the primary and secondary connection to a transfer station, and in directly connected consumer networks.

The dimensions of the Megapress S XL are especially suitable for use in large industrial units. All the advantages of cold press connection technology come into play here, making the installation process extremely safe and efficient. Thick-walled steel pipes are connected to the Megapress S XL connectors easily and within seconds with the help of the Pressgun Press Booster, allowing the installation to be operated at full load immediately afterwards.

Material

The Megapress S connectors are flow-optimised and made of non-alloy steel 1.0308 with an external galvanic zinc-nickel coating. This gives them ideal protection against any corrosion that may occur due to condensation in cooling systems, for example.

Dimensions

Megapress S is available in dimensions from $\frac{3}{8}$ to 4 inches and is also perfect for use in industrial units and cooling systems.

More information

All connectors are equipped with an FKM sealing element that meets the strict requirements of district heat and industry applications. Press connectors are also equipped with a stainless steel compression ring to ensure the mechanical strength of the connection.

To avoid confusion, all connectors are marked with a "Not drinking water" symbol, a white dot and an FKM note. SC-Contur, which all the connectors have, enables inadvertently unpressed connections to be immediately detected when a leakage test is performed.



ADVANTAGES AT A GLANCE

- Depending on the dimension, up to 80 % less installation time compared to welding
- Absolutely fire-safe, because cold-press technology generates neither flames nor fumes
- Presses thick-walled steel pipes from $\frac{3}{8}$ to 4 inches, regardless of whether the pipe is seamless, welded, black, galvanised, industrially painted or epoxy resin-coated
- Suitable for higher thermal loads of up to 140 °C
- Proof of suitability for press connectors in district heat supply systems up to DN 50 (2 inches) according to AGFW FW 524
- Installation reliability thanks to SC-Contur



Viega Megapress G

PUTTING AN END TO WELDING WORK IN GAS INSTALLATIONS TOO.

Where gas is concerned, safety always comes first. That is why thick-walled steel pipes are perfect for industrial gas installations – and they can be cold pressed using Viega Megapress G. This not only makes them a reliable choice, but also highly economical thanks to the benefits that Viega Megapress G brings.



Areas of application

Viega Megapress G covers a broad installation spectrum with a large number of components such as elbows, couplings, T-pieces, flanges, adapters and screw fittings in dimensions from ½ to 2 inches. The system is approved for both natural and liquid gases according to DVGW Worksheet G 260 and for installations according to DVGW-TRGI 2018 and TRF 2021. It is also suitable for media such as heating oil, diesel and compressed air, as well as for use in industrial units. Additionally, Megapress G has been tested for higher thermal resistance (HTR) and is approved for a maximum operating pressure of 5 bar (MOP 5/GT 5). Ideal preconditions for reliable gas installations.

Material

Megapress G connectors are made of moulded steel pipe 1.0308, have an external zinc-nickel coating and are equipped with a profile sealing element made of high-quality HNBR. The technical specifications of the material are adapted for use in gas installations as well as heating oil and diesel fuel systems. This guarantees maximum safety, robustness and durability for every installation.

Dimensions

Megapress G is available in dimensions from ½ to 2 inches, meaning it can be universally used.

More information

Each connector has a clear yellow marking indicating its use for gas. This rules out the possibility of confusion or accidentally using Viega Megapress G incorrectly.



ADVANTAGES AT A GLANCE

- Suitable for natural and liquid gases according to DVGW Worksheet G 260 and for heating oil and diesel fuel systems
- Highly economical thanks to major time savings during installation
- Absolutely fire-safe, because cold press connection technology generates neither flames nor fumes
- No additional time or cost expenditure for fire protection precautions
- Safety provided by Viega SC-Contur
- Presses thick-walled steel pipes in gas installations from ½ to 2 inches, regardless of whether the pipe is seamless, welded, black or galvanised



Viega Temponox

THE BENCHMARK FOR HEATING AND COOLING.

Viega Temponox reliably and effectively meets the various requirements for closed heating and cooling installations. The product system is made entirely of stainless steel, a choice of material that provides ideal protection against external corrosion from moisture. In everything from storage and transport to the area of application itself, Temponox features impressive material properties and a wide range of products.



Areas of application

Temponox is suitable for surface-mounted and concealed installations of riser pipes and floor installations. The entire system is made of stainless steel, providing full protection against external corrosion. This makes it the perfect choice for closed heating and cooling installations, and it is also ideal for compressed air and solar installations. Temponox also offers a wide range of solutions for fire protection; as a system, it can be used in a variety of applications involving zero clearance in floor lead-ins.

Material

Temponox is made entirely of stainless steel. This prevents damage due to external corrosion, saving time and cutting down on potential follow-up costs. Sealing elements are pre-assembled and made of high-quality EPDM.

Dimensions

The components work in perfect harmony with one another and are available in dimensions from 15 to 54 mm and 76.1 to 108 mm.

More information

For greater differentiation, each system element is marked with the “Not suitable for drinking and fresh water applications” symbol and a brown dot, preventing it from being used in areas where it is not

permitted. Another safety factor is Viega’s tried-and-tested SC-Contur feature. With its help, inadvertently unpressed connection points can be immediately detected and subsequently pressed.



ADVANTAGES AT A GLANCE

- Economical and high-quality complete system made of stainless steel
- Efficient solution for closed heating and cooling installations
- Brown marking on press connectors and pipes eliminates any risk of confusion
- Reliable protection against external corrosion
- Perfectly matched system components with dimensions from 15 to 108 mm
- High degree of reliability thanks to Viega SC-Contur with unpressed-unsealed function
- Press connection tested by TÜV Rheinland



Viega Sanpress Inox

A STAINLESS STEEL SYSTEM FOR TOP-QUALITY DRINKING WATER INSTALLATIONS.

A reliable system made of high-quality materials. In Sanpress Inox, the pipe materials 1.4521 and 1.4401 are combined with press connectors made of stainless steel. This creates a system that can cope with even the harshest conditions in drinking water installations.



Areas of application

Thanks to its high-quality combination of materials, Sanpress Inox is ideal not only for drinking water installations, but also for industrial cooling and process water systems.

Material

Sanpress Inox is made entirely of high-quality stainless steel. The stainless steel press connectors are equipped with an extremely durable EPDM sealing element. The matching 1.4521 and 1.4401 stainless steel pipes are flawlessly hygienic and excel on account of their efficiency.

Dimensions

The stainless steel system is available in dimensions from 15 to 108 mm, and with its numerous elbows, crossovers, angle sections, couplings, screw fittings and other fittings, it has a solution to suit every area of application.

More information

In all dimensions, the press connectors are equipped with the tried-and-tested SC-Contur feature, which makes it possible to detect inadvertently unpressed connections when a leakage test is performed.



The comprehensive product range provides the right solution for every area of application.



ADVANTAGES AT A GLANCE

- Top material quality achieved consistently through the combination of stainless steel press connectors with 1.4521 and 1.4401 stainless steel pipes
- Available in dimensions from 15 to 108 mm
- All connectors come with SC-Contur
- High-quality, durable EPDM sealing element



Viega Sanpress Inox G

A STAINLESS STEEL SYSTEM FOR TOP-QUALITY GAS INSTALLATIONS.

Absolute safety is always the top priority in every gas installation. The Sanpress Inox G stainless steel system was specially developed for areas in which material and technology are exposed to maximum stress.



Areas of application

Sanpress Inox G is used wherever there is no room for compromise on safety. With top-quality material and intelligent safety details, it is certified for all types of gas installations and for heating oil and diesel fuel pipes.

Material

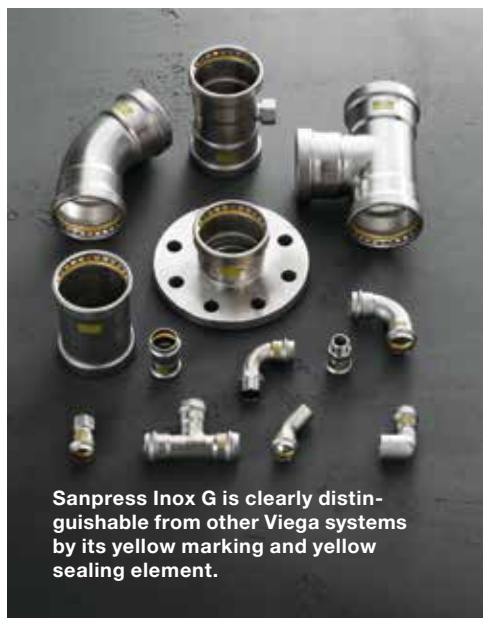
Sanpress Inox G press connectors are made entirely of high-quality stainless steel. They are combined with pipes made of material 1.4401. The stainless steel press connectors are also equipped with a durable HNBR sealing element.

Dimensions

The stainless steel system in dimensions from 15 to 108 mm is designed for use in gas installations. In addition to this, dimensions from 15 to 54 mm can be used with heating oil and diesel fuels.

More information

All connectors are equipped with a yellow sealing element and uniquely identified with yellow markings. In all dimensions, the press connectors are equipped with the tried-and-tested SC-Contur feature, which makes it possible to detect inadvertently unpressed connections when a leakage test is performed.



Sanpress Inox G is clearly distinguishable from other Viega systems by its yellow marking and yellow sealing element.

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ADVANTAGES AT A GLANCE

- Suitable for gas installations and for heating oil and diesel fuel pipes
- Top material quality achieved consistently through the combination of stainless steel press connectors and pipes made of material 1.4401
- High-quality, durable HNBR sealing element
- All connectors come with SC-Contur
- Dimensions from 15 to 108 mm for gas and liquid gas in the gas phase; dimensions from 15 to 54 mm also for heating oil and diesel fuels



Viega Sanpress

QUALITY AND ECONOMY FOR DRINKING WATER INSTALLATIONS.

When it comes to drinking water installations and industrial or plant engineering, Sanpress sets new standards of quality and efficiency. The extensive range of products ensures that even highly demanding installations can be implemented with ease.



Areas of application

Sanpress is the economical solution for drinking water installations. All components in the system are tested and certified. As a result, Sanpress guarantees long-term safety in terms of achieving and maintaining water quality in drinking water and industrial installations.

Material

The system consists of high-strength, durable connectors made of gunmetal or silicon bronze as well as efficient pipes made of 1.4521 and 1.4401 stainless steel.

Dimensions

The individual components are available in dimensions from 12 to 108 mm. Very small Z dimensions make installation easier.

More information

With the Viega Sanpress double wall plate and the Sanpress wall plate T-piece, nothing now stands in the way of hygienically optimised pipeline routing, such as a ring or series pipeline. It goes without saying that all connectors are equipped with SC-Contur for even greater safety during installation.



A product range that reflects a variety of requirements in industry, plant engineering and drinking water installations



ADVANTAGES AT A GLANCE

- High-strength connectors made of gunmetal or silicon bronze with small Z dimensions as well as 1.4521 and 1.4401 stainless steel pipes
- All connectors come with SC-Contur
- All the necessary components for proper hygienic drinking water installations
- Installation that saves space, materials and time thanks to Sanpress compensators



Viega Raxinox

THE PLASTIC PIPE THAT CAN BE BENT BY HAND, WITH A STAINLESS STEEL INLINER.

The efficient alternative for stainless steel installations on the floor, Raxinox features a plastic pipe that can be bent by hand and has a stainless steel inliner, plus stainless steel connectors that are radially pressed. This combines the advantages of stainless steel with convenient installation. A true innovation. Connected in quality.



Areas of application

Raxinox is the efficient alternative to rigid stainless steel systems in any situation where achieving and maintaining drinking water quality is of the utmost importance. Its highly flexible nature makes Raxinox ideal for ring and series pipelines on the floor and allows for quick installation in the pre-wall.

Material

The innovative pipe consists of an outer case made of thermally stabilised polyethylene and a stainless steel inliner that is resistant to pressure and temperature. This combination keeps the pipe bendable by hand, and at the same time ensures that the only surface in contact with the media is the stainless steel. The system's press connectors are also made of stainless steel, are pressure loss-optimised and do not require a sealing element thanks to radial pressing.

Dimensions

Raxinox is available in dimensions of 16 and 20 mm.

More information

Raxinox can be laid from the roll and is available with 9 or 13 mm insulation. The pipe can be cut with a pipe shear and the connectors come with SC-Contur.



Viega Raxinox double wall plate for easy installation of ring and series pipelines

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ADVANTAGES AT A GLANCE

- Plastic pipe that can be bent by hand with a stainless steel inliner
- All pipe surfaces in contact with media are made of stainless steel
- Quick and easy to install from the roll
- In dimensions of 16 and 20 mm
- Connectors with optimum zeta values for limited pressure losses
- Radial pressing without a sealing element
- All connectors come with SC-Contur



Viega Seapress

THE PRESS CONNECTOR SYSTEM SPECIALLY DESIGNED FOR SHIPBUILDING.

Ships that sail the high seas every day have to withstand heavy loads and are at extreme risk of corrosion. With Seapress, Viega is offering a press connector system that meets the requirements that come with these conditions. Combined with practical press connection technology, Seapress covers a wide range of applications in shipbuilding and marine engineering.



Areas of application

Due to its corrosion-resistant material and the wide range of products available, Seapress is perfect for shipbuilding. The system can be installed quickly, easily and safely without soldering or welding. Repairs and extensions to the system can even be performed on the open sea without the need for shipyard personnel. Seapress can also be put to use in desalination plants, fire extinguishing, sprinkler and compressed air systems as well as fuel and lubricating oil lines.

Material

All Seapress connectors are made of a corrosion-resistant copper-nickel-iron alloy (CuNiFe90/10) and meet international approval requirements and standards. This means they satisfy the full range of high demands that piping systems in the shipping industry have to fulfil.

Dimensions

All connectors are available in dimensions from 15 to 108 mm. The wide range of products opens up a multitude of possible areas of application.

More information

All connectors are equipped with an EPDM sealing element – for a wide range of applications from -20 °C to 110 °C, at up to 1.6 MPa. When it comes to installation, Seapress offers a secure and force-fit connection thanks to the cylindrical pipe guide and double pressing.



Cooling systems



Sprinkler systems



Fire extinguishing systems



Fresh water



Bilge/ballast systems



ADVANTAGES AT A GLANCE

- Seawater-proof press connector system specially designed for shipbuilding
- Corrosion-resistant copper-nickel-iron alloy (CuNiFe90/10)
- Meets all standards and has all necessary approvals
- Time savings of up to 70 % during assembly
- Cylindrical pipe guide and double pressing for maximum safety
- Extensive range of dimensions from 15 to 108 mm



Viega Raxofix

PLUMBING AND HEATING IN EFFICIENT DIMENSIONS.

The pressure loss-optimised plastic piping system combines the advantages of press connecting and sliding sleeve technology. Silicon bronze connectors with optimum radii and support bodies made of PPSU without a sealing element enable efficient installations with low pressure losses. This makes it possible to create installations with smaller nominal widths and a lower water content, resulting in greater hygiene.



Areas of application

Viega Raxofix is suitable for drinking water and heating installations. The optimised component geometry also allows for extensive ring and row installations with double wall plates from 16 to 25 mm. This makes it ideal for hygienically sensitive areas such as hospitals and hotels. Heating installations can be set up in no time at all with pre-insulated connection blocks and cross T-pieces, eliminating the need for time-consuming post-insulation.

Material

The combination of silicon bronze base units with support bodies made of PPSU and the Raxofix multi-layer pipes provides a system that is durable, hygienic and safe to install and operate.

Dimensions

An extensive range is available in dimensions from 16 to 63 mm to cover all structural requirements and conditions. The Raxofix multi-layer pipes are made of a high-quality plastic with a layer of aluminium in the middle. The pipes are available with different insulation variants from 6 to 26 mm to meet standards-based requirements.

More information

The radial press connection technology used in Viega Raxofix combines the advantages of radial and axial press connection technology in one work process. This ensures secure and plastic-compatible pressing – without a sealing element and without any calibration or expansion.



With the help of Viega hinged adapter jaws, installation is fast and easy even in hard-to-reach places.



ADVANTAGES AT A GLANCE

- No calibration required
- Perfect for ring and series installations
- Durable combination of silicon bronze, PPSU and multi-layer pipes
- Available in dimensions from 16 to 63 mm
- Smaller dimensioning on account of minimal pressure losses in connectors
- All connectors come with SC-Contur



Viega Smartloop inliner technology

TWO BECOME ONE. WE DID THE MATHS – AND IT LOOKS GOOD!

Smartloop inliner technology is the cost-effective alternative to running hot water and circulation pipes in parallel in the riser shaft. Internal circulation makes intelligent use of the gains harnessed in the water system.



Economical, energy-efficient and hygienic on every level

This is the promise made by Smartloop from Viega, with its innovative pipe-in-pipe principle. Instead of a circulation pipe running parallel to the water pipe, Smartloop offers impressive integrated circulation in the riser pipe. The Smartloop inliner technology is employed as an internal circulation pipe in drinking water installations. The system is particularly suitable for hot water pipes from dimensions of 28 mm. With Smartloop, two become one.

Less is more

This technology uses smaller shaft dimensions, reducing the space required by the system and freeing up valuable room in commercial or residential property. The economic benefits are clear to see: shorter installation times, less material required for fixing and insulation, and reduced costs and outlay for fire protection measures. This doesn't just apply to new developments – Smartloop can also be easily retrofitted into existing buildings.

Smartloop saves energy

The benefit to the hot water circulation is evident from the reduced heat loss in general. Lower volumetric flows through the pump and the reduced heating/cooling of the water distribution systems increase energy efficiency. This cuts operating costs, boosts eco-friendly credentials and is great for sustainability.

Maintaining drinking water quality

Smartloop makes it easier to stick to standardised minimum ejection times (30 second rule), minimum outlet temperatures for hot water and maximum outlet temperatures for cold water. This how the inliner circulation system from Viega fosters the hygienically safe operation of drinking water installations, both hot and cold.



Smartloop can be used in combination with Viega Sanpress Inox, Sanpress and Profipress piping systems.



ADVANTAGES AT A GLANCE

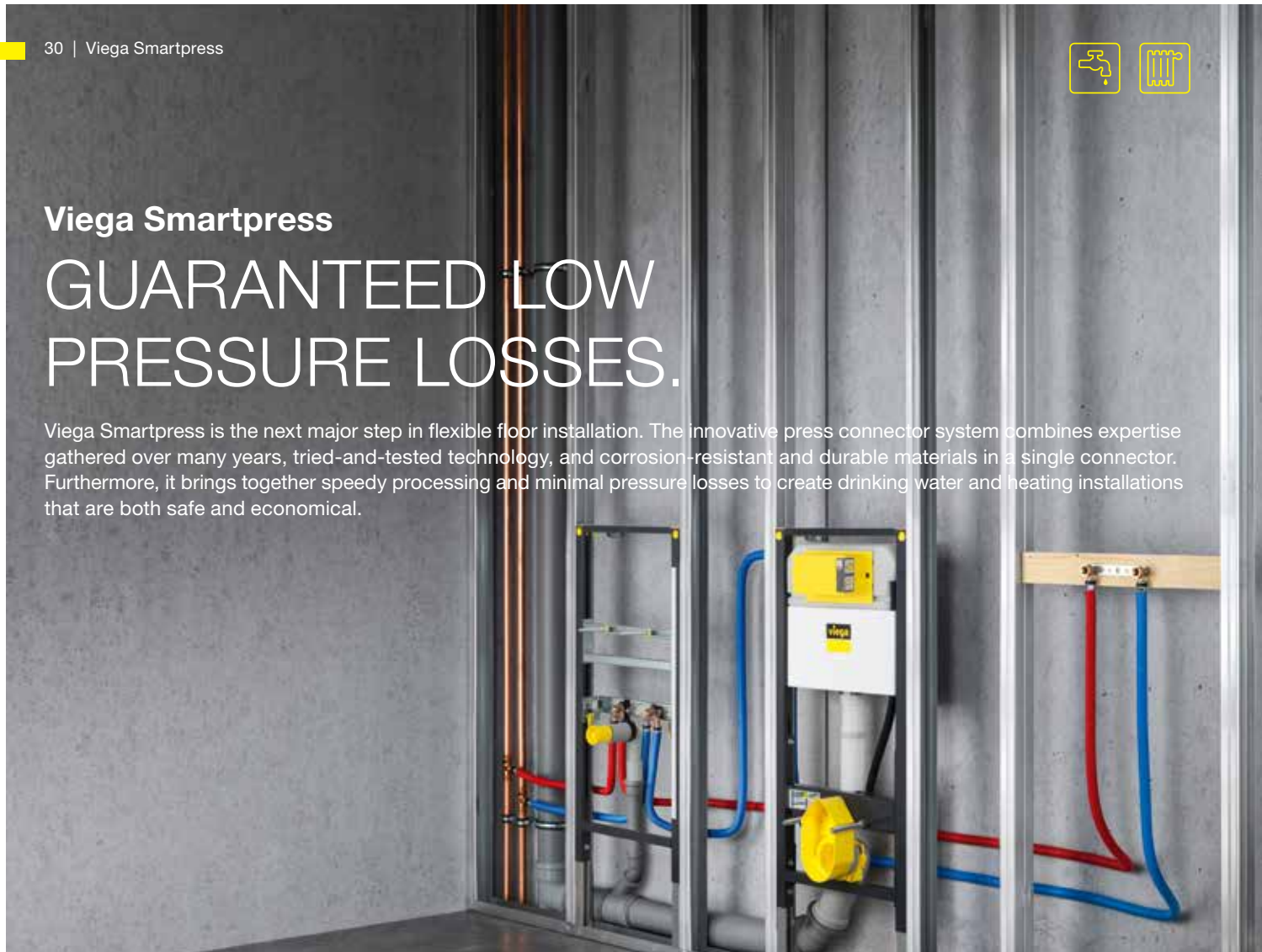
- Space gained thanks to smaller shaft dimensions
- Time saved through faster installation
- Reduced material costs for fixing, insulation and fire protection
- Reduced operating costs
- Easy to retrofit in existing buildings



Viega Smartpress

GUARANTEED LOW PRESSURE LOSSES.

Viega Smartpress is the next major step in flexible floor installation. The innovative press connector system combines expertise gathered over many years, tried-and-tested technology, and corrosion-resistant and durable materials in a single connector. Furthermore, it brings together speedy processing and minimal pressure losses to create drinking water and heating installations that are both safe and economical.



Areas of application

Viega Smartpress connectors can be used in drinking water and heating installations. With its minimal pressure losses, the system is perfectly suited for ring, series and T-piece installation.

Material

Consistently flow-optimised, the stainless steel and gunmetal connectors are flawlessly hygienic and allow for smaller dimensioning of the drinking water installation thanks to their ideal part geometry. The product range is complemented by an extensive selection of dimensionally stable plastic pipelines.

Dimensions

Viega Smartpress is available in different versions with dimensions from 16 to 63 mm.

More information

Viega Smartpress comes with Viega SC-Contur, which enables inadvertently unpressed connections to be clearly detected when a leakage test is performed.



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ADVANTAGES AT A GLANCE

- Elbows, couplings and T-pieces made of stainless steel; threaded connectors made of gunmetal
- A single connector for drinking water and heating installations
- Flow-optimised internal geometry and minimal narrowing of cross-sections allow for smaller dimensions
- Corrosion-resistant connectors in dimensions from 16 to 63 mm
- Connection technology without a sealing element
- No calibration required – up to 30 % faster
- Excellent bending properties with high buckling resistance



Viega Combi PB

FLEXIBLE DRINKING WATER AND HEATING INSTALLATIONS.

Viega Combi PB's excellent quality and use of gunmetal and polybutene make it a standout system. Plug connectors with extremely low pressure loss values and a polybutene pipe with an oxygen barrier also make it ideal for use in floor installations.



Areas of application

The pipe system makes concealed installations possible, even in confined construction situations. The pipe is oxygen-tight according to DIN 4726 and can be used for both drinking water and heating installations. When fitting the PB pipes in the protective pipe, not only is installation very simple, but it is also easy to replace a defective pipe in the event of damage.

Material

Exceptionally flexible pipes made of polybutene in combination with a corrosion-resistant, flow-optimised plug connector made of gunmetal ensure flexible installation and maximum durability.

Dimensions

The PB pipe is available in the dimension 16 mm. Due to the wall thickness of 1.8 mm, the pipe is flexible, always performs reliably and has a larger pipe cross-section compared to standard pipes.

This means it can meet every requirement – from washbasins to bath connections – with a single dimension.

More information

Extremely fast and easy installation: cut the pipe to length and attach the connector – without the need for calibration or widening of the pipe. All connectors and the connection socket, including pressure test plugs, are completely pre-assembled. This means no loose parts and even faster installation.



The Combi PB range: The right solution for every challenge



ADVANTAGES AT A GLANCE

- Efficient, safe system for drinking water and heating installations
- Flexible PB pipe and gunmetal plug connectors combine installation convenience with maximum durability
- Extremely efficient due to optimised flow properties
- Fully pre-assembled connection socket
- Installation without calibration



Viega Easytop slanted seat valves

FOR ALL MATERIALS, SIZES, TYPES OF CONNECTIONS – AND REQUIREMENTS.

The Easytop slanted seat valve is available in different designs: as a slanted seat valve, as a slanted seat valve combined with a backflow preventer or as a backflow preventer only. For the material, choose between gunmetal and silicon bronze in dimensions from DN 15 to DN 100 and stainless steel in dimensions from DN 15 to DN 50. All versions come with corrosion-resistant valve plate units made of high-quality stainless steel and feature a new, innovative sealing concept.



Technical details

The corrosion-resistant stainless steel ensures that all Easytop system fittings keep functioning reliably at all times. The completely novel, innovative sealing concept of the system valves also protects the valve plate seal from damage caused by excessive pressing forces.

Hands-on benefits

The ergonomically designed handwheels are easier to grip and, thanks to the valve spindle transmission, are also easy to actuate – even in confined installation situations. The signal colour of the position indicator clearly shows whether the valve is open or closed, even when seen from a distance.

Time-tested

Available in stainless steel, gunmetal or silicon bronze, the extensive product range with different versions meets all requirements and caters to all installation preferences – for fans of instant pressing as well as for those who prefer conventional screwed connections. The Easy-

top system fittings offer a wide choice of accessories such as insulating shells, drainage valves and extensions, and also feature pressure loss optimisation. It goes without saying that they meet all national and international standards and regulations.

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ADVANTAGES AT A GLANCE

- Use of high-quality materials such as stainless steel, gunmetal and silicon bronze
- System press connections for Viega piping systems
- Innovative sealing concept using the principle of secondary force connection
- Valve seat and valve plate unit made of stainless steel
- EPP insulating shell available as an accessory for all dimensions



Viega Easytop system ball valves

DEPENDABILITY FOR ALL APPLICATIONS.

Whether they are made of high-quality gunmetal, silicon bronze or durable stainless steel, all system ball valves have a stainless steel shut-off unit and are suitable for drinking water and heating installations as well as industrial and plant engineering. Equipped with the tried-and-tested SC-Contur feature, the Viega Easytop system ball valves with direct press connection guarantee maximum safety even during assembly.



Sophisticated handling

With its ergonomic design, the new T-shaped actuating lever not only provides for easier, more comfortable operation of the ball valve, but also saves valuable space. Furthermore, the actuating handle offers the possibility of integrating a thermometer directly into the installation – without any additional effort.

Premium technology

The latest manufacturing technologies and state-of-the-art systems guarantee top quality. The actuating torques, for example, are significantly better than those specified in DIN EN 13828. Future-safe materials with a long service life and a sealing concept adjusted to the casing and the shut-off unit provide for optimum functional safety, even under the most extreme conditions.

Versatile use

Easytop system ball valves are extremely versatile. They can be used as simple maintenance fittings or to shut off individual appliances, riser pipes or entire storey connection pipes, for instance. Easytop ball valves are even suitable for industrial and plant engineering purposes: for example, in process plants operated with nitrogen or argon,

or under vacuum conditions. The delivery includes plastic caps in different colours as media markings for the actuating lever to give a perfect overview over the many areas of application. They make it possible to identify hot water, cold water or special media at a glance.



ADVANTAGES AT A GLANCE

- Suitable for drinking water and heating installations
- Use of high-quality materials such as stainless steel, gunmetal or silicon bronze
- Shut-off unit made of stainless steel
- EPP insulating shell available as an accessory for all dimensions
- System press connections for Viega piping systems
- New models with drainage option
- Thermometer as accessories set for the new T-shaped actuating lever



Viega Pressguns

INTELLIGENT PRESS TECHNOLOGY THAT IS SETTING NEW STANDARDS.

Maximum endurance thanks to brand new battery technology, optimised handling even in confined spaces and with tailor-made accessories for every application: the new Viega Pressguns are impressive in every respect and make the pressing process easier than ever before, no matter what the pipe dimensions.



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THE VIEGA SYSTEM CASE

- New case system, compatible with commercially available case and vehicle systems (Sortimo)
- Individual cases can be combined (including trolley option)
- Standardised case bodies with individual inserts for maximum future-proofing
- Straightforward handling and maximum flexibility due to separation of Pressgun and press jaws
- Extremely robust, splash-proof design
- Loading capacity per case: 25 kg
- Find out more: viega.com/SystemCases



Secure storage for all Viega press tools:
The Viega system cases offer maximum flexibility with separate cases for Pressguns and press jaws.

1. The Pressgun 6 Plus

- For metal press connector systems in the pipe dimensions 12 to 108 mm, for Megapress steel pipe connectors from ¾ to 2 inch and for plastic piping systems from 12 to 63 mm.
- Pressing force 32 kN, pressing time approx. 4 sec., weight approx. 3.2 kg
- With Pressgun Press Booster for Megapress XL steel pipe connectors in the pipe dimensions 2½, 3 and 4 inch
- Smart connectivity with the Viega Tool Services app via Bluetooth®
- Infinitely rotatable press jaw fixture
- Two LEDs ensure optimised illumination of the pressing point
- Up to 35% more pressings thanks to new battery technology and optimised, more efficient components
- Servicing interval 40,000 pressings/4 years, automatic safety shutdown after 42,000 pressings
- Built-in attachment points for carrying strap or balancer

2. The Pressgun Picco 6 Plus

- For metal press connector systems in the pipe dimensions 12 to 35 mm, for Megapress steel pipe connectors from ¾ to ¾ inch and for plastic piping systems from 12 to 40 mm.
- Pressing force 24 kN, pressing time under 4 sec., weight approx. 1.6 kg
- Smart connectivity with the Viega Tool Services app via Bluetooth®
- The compact inline design enables one-hand operation
- New 12 V battery system with improved endurance
- Servicing interval 40,000 pressings/4 years, automatic safety shutdown after 42,000 pressings

3. The Pressgun 6 and Pressgun Picco 6

- Pressgun 6 for metal press connector systems in the pipe dimensions 12 to 108 mm, for Megapress steel pipe connectors from ¾ to 2 inch and for plastic piping systems from 12 to 63 mm. Pressing force 32 kN, pressing time approx. 5.5 sec, weight approx. 3.6 kg
- Pressgun Picco 6 for metal press connector systems in the pipe dimensions 12 to 35 mm, for Megapress steel pipe connectors from ¾ to ¾ inch and for plastic piping systems from 12 to 40 mm. Pressing force 24 kN, pressing time approx. 4.5 sec., weight approx. 2.6 kg
- Press jaw fixture rotatable through 270°
- Built-in attachment points for carrying strap or balancer

4. The Pressgun 6 B

- For metal press connector systems in the pipe dimensions 12 to 108 mm, for Megapress steel pipe connectors from ¾ to 2 inch and for plastic piping systems from 12 to 63 mm. Pressing force 32 kN, pressing time approx. 5 sec, weight approx. 3 kg
- Press jaw fixture rotatable through 180°
- Ideal for high and low temperatures thanks to battery-free mains operation
- Servicing interval every 2 years, with no limit on the number of pressing operations



Enables pressing of thick-walled steel up to 4 inch: the Pressgun Press Booster.



CLEVER: THE VIEGA TOOL SERVICES APP

The Viega Tool Services app allows users to control the Viega Pressgun 6 Plus and Pressgun Picco 6 Plus interactively. Once the smart Viega Pressguns have been registered and connected to the app on the user's smartphone via Bluetooth®, their operating state can be read out at any time. The battery status can be viewed on the app, along with the number of pressings. In addition, advanced functions can be used to set up the device.



Download the new Viega Tool Services app now.



For more information on Viega Pressguns, press jaws and the matching accessories: viega.com/SystemPressTools

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