responsible
sustainable
fair.

Piping systems for Professionals

Safe - reliable - flexible

www.sanha.co.uk

Please ask for our
complete catalogue!

SANHA®
a perfect fit

Success needs responsibility

SANHA® is today, with many decades of market experience, one of Europe's leading manufacturers of piping systems and has been a family-owned business since it was founded in 1964. The product range comprises of around 12,000 products made of copper and copper alloys, stainless steel, carbon steel, plastic, malleable and more, which are used in the fields of heating, gas, refrigeration and air-conditioning, solar, fire protection, compressed air and many other applications. The product ranges are manufactured at five locations in Europe according to the highest quality standards. Practical, easy to install and reliable products, a comprehensive service, an active sustainability strategy and a clear commitment to the three tier distribution channel via wholesalers and specialist trade are our success factors.

Good reasons for SANHA®

Comprehensive Range

Our product range includes numerous materials such as copper, stainless steels, carbon steel, PEX/PE-RT and lead-free silicon bronze – available in many standard dimensions from 6 mm to 168.3 mm or 1/8" to 4" (depending on the series) as well as many special forms, e.g. for OEM applications. Whether pressing, soldering, threading, transition fittings or push connections – we always offer the right joining technology. Thanks to our material-neutral advice, you are guaranteed to receive the optimal solution for every application.

The Original: Lead-Free Since 2009

Lead has no place in drinking water. As early as 2009, SANHA® switched to the lead-free CuSi (CW724R) alloy for fittings designed for drinking water applications. Across our three series (PURAPRESS®, PURAFIT®, and 3fit®-Press), more than 60 million products have been sold to date – 2025. This decision has proven future-proof: not only have lead limits been continuously reduced, but the current ECHA list is pushing for change, banning many leaded alloys in drinking water installations.

Fire Protection

When it comes to fire protection and zero clearance, SANHA® is your single competent partner „in the shaft".

Digitalisation, BIM and More!

All relevant data is available in Plancal Nova and BIM Revit – and we can carry out planning directly in these formats. We also support you comprehensively in digitalisation with EDI, IDS, ETIM or Open Masterdata, to name just a few. Our webshop additionally offers a modern, secure and convenient ordering and payment system.

Quality Made in Europe

With five own European production sites and in-house quality laboratories, we ensure consistent product quality and short supply chains. SANHA® meets all relevant safety standards, approvals, and certifications, so you are always on the safe side.

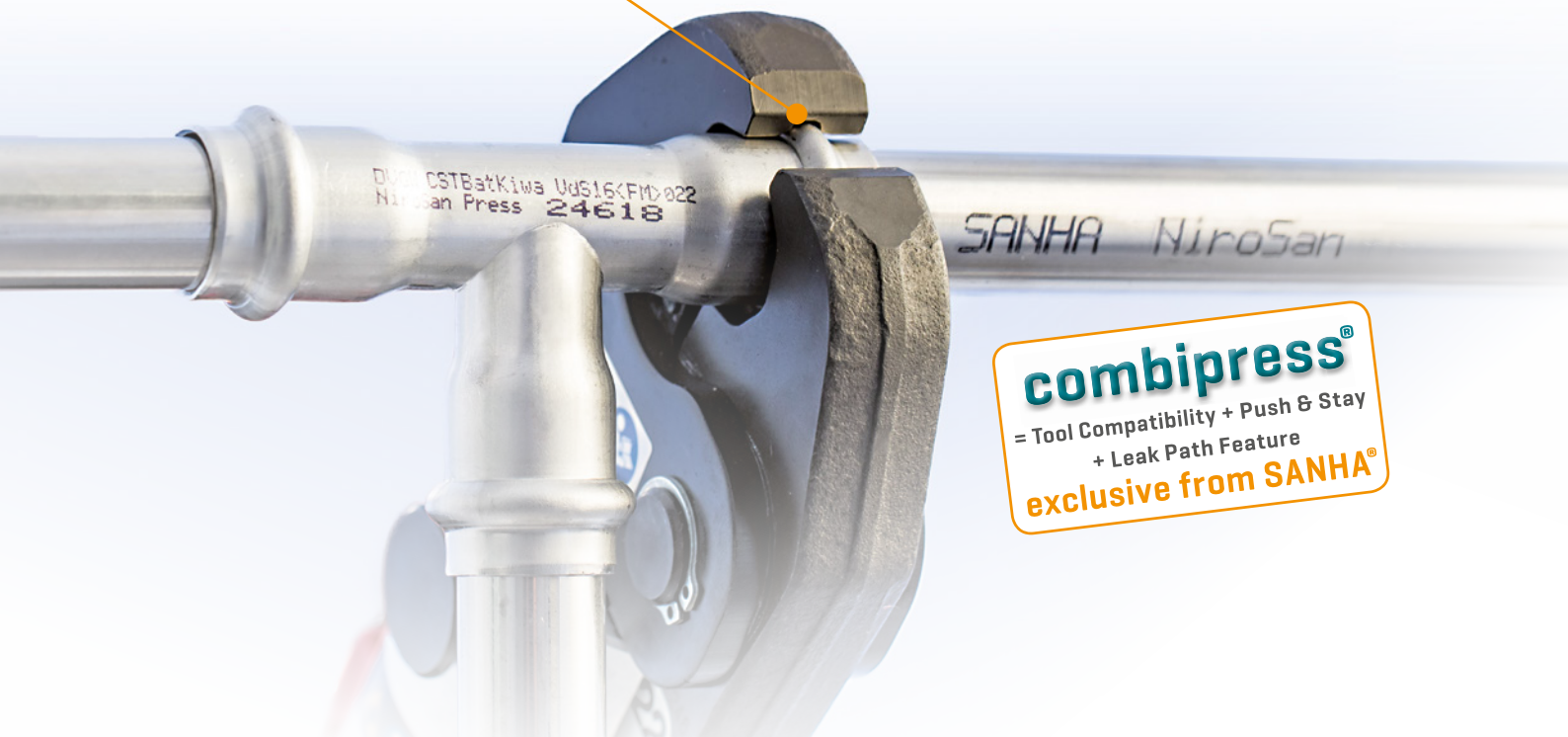
Sustainable

Our corporate responsibility goes further: we act sustainably and resource-efficiently. All sites are ISO-certified, our raw materials largely consist of recycled content, and in production and administration we rely on photovoltaics, hydrogen, heat pumps, heat recovery, and energy-efficient LED lighting. Our efforts have been recognised with the EcoVadis Seal for responsible corporate management. We also offer future-proof, lead-free products in line with the current ECHA list.

International

SANHA® operates worldwide – in over 60 countries on all continents. Our employees come from many nations, bringing diverse perspectives, experiences, and ideas. This diversity makes us strong, innovative, and open to the demands of various markets.

Can be pressed with SA, M and V profile
For copper, stainless steel and carbon steel!



combipress®
= Tool Compatibility + Push & Stay
+ Leak Path Feature
exclusive from SANHA®

Planning Service

A central part of our service offering is the SANHA® Planning Service. According to your specifications, we perform all necessary calculations, create precise plans for professional, safe, and reliable installations, and provide material recommendations down to the last tee. Naturally, planning also includes hydraulic balancing of the heating system.

For more information, visit
www.sanha.co.uk

Save time - with our tool compatibility!

SANHA® tool compatibility

- Lower costs because no new tools are needed
- Greater safety because no press fault or malfunction can occur due to wrong tool
- Greater flexibility because all tools can be used
- Faster installation through simultaneous work
- Please visit www.sanha.co.uk for more information on the prerequisites

Push & Stay

- Fast and easy pre-assembly and alignment before crimping
- Fitting securely grips the pipe without slipping off

Leak path feature

- Connections visibly leak if un-pressed (please refer to our "Leak Path" brochure, which can be downloaded from our website)
- Increased safety as un-pressed or incorrect connections are easily identified

Facts and figures

- Founded in 1964
- Owner-operated family enterprise
- 12k+ standard & OEM products
- High percentage of in-house production
- Five production sites, including two own pipe factories
- Sales activities in over 60 countries
- Approx 820 employees
- Many patents and trademarks
- Fully certified in accordance with ISO 9001:2015 / ISO 50001
- More than 250 international product certifications
- Three fully equipped training centres

Premium stainless steel
NiroSan®

NiroSan® pipes and fittings are made from AISI 316L. This makes them very reliable and corrosion-resistant. Multiple sealing rings and pipes make for a very flexible product family that is suited to a multitude of applications, ranging from domestic to industrial, from drinking water to gas, solar and many more.

Available in XXL!

SANHA® tool compatibility
≤ 54 mm: original SA-, V- and M contours
> 54 mm: original SA and M contours
More info at www.sanha.co.uk

	NiroSan®	NiroSan® Gas	NiroSan® Industry	NiroSan® SF
Dimension	15 – 168.3 mm	15 – 168.3 mm	15 – 168.3 mm	15 – 168.3 mm
Series	9000	17000	18000	19000
O ring	EPDM	HNBR	FKM	FKM
Operating temperature	-30 °C – +120 °C	-20 °C – +70 °C	-20 °C – +160 °C (depending on medium)	-20 °C – +160 °C (depending on medium)
Application	Drinking water Heating Rain water Solar Compressed air Extinguishing Sprinklers Inert gases Cooling water Ship building Technical gases Glycol	Natural gas, LNG (< PN5) Flammable gases Hydrogen	Heating Rain water Solar Compressed air Extinguishing Sprinklers Inert gases Cooling water Ship building Technical gases Low pressure steam systems* District heating*	silicon-free applications

Operating conditions	
Water and aqueous solutions	d ≤ 22 mm | 40 bar · d = 28–35 mm | 25 bar · d = 42–168.3 mm | 16 bar
Technical gases non-toxic, non-flammable	16 bar
Flammable gases DVGW-G 260	5 bar

* Depending on temperature and pressure - please contact our Technical Support at 01628 819245.

SANHA® stainless steel pipes

NiroSan® (Series 9000)
- TIG welded, annealed
- Material 1.4404 / 316L
- less carbon, MO content of ≥ 2.3 % for better corrosion resistance
- compliant with BS EN 10312
- Marking in black

NiroSan®-Eco (Series 9600)
- as series 9000
- Wall thickness optimised

NiroSan®-F (Series 9700)
- TIG welded, pickled for higher corrosion resistance, nickel-free
- Material 1.4521 acc. to BS EN 10088
- produced acc. to BS EN 10312
- Marking with black letters and continuous green stripe

NiroTherm® (Series 9100)
- TIG welded, annealed for higher corrosion resistance
- Wall thickness optimised
- Material 1.4301 acc. to BS EN 10088
- Marking in red
- See national requirements for drinking water

New: NiroTherm®-F-pipe
| nickel-free | 1.4520 / AISI 430Ti

For heating and cooling
NiroTherm®

The fittings and pipes are produced from the material 1.4301 (304) and 1.4521 (430Ti). Due to the well-known corrosion resistance of stainless steel, NiroTherm® offers installers a real alternative compared to conventional steels when it comes to closed systems in humid atmospheres such as within the screed. Since it needs considerably less isolation against humidity, the installation is faster and labour costs accordingly lower.

SANHA® tool compatibility
≤ 54 mm: original SA-, V- and M contours
> 54 mm: original SA and M contours
More info at www.sanha.co.uk

Available in XXL!

New: NiroTherm®-F-pipe (nickel-free)

	NiroTherm®	NiroTherm® Industry
	15 – 168.3 mm	15 – 168.3 mm
	91000	98000
	EPDM	FKM
	-30 °C – +120 °C	-20 °C – +160 °C (depending on medium)
	Heating (open & closed) Cooling (open & closed) Compressed air (up to oil class 5 [< 25 mg/m³]) Glycol	Industrial systems Compressed air (all oil classes) Glycol Solar
	16 bar	
	16 bar	

combipress®
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The Original - future-proof!

An allrounder

SANHA®-Press / PURAPRESS®

In the field of copper press and transition fittings, we offer various series: Our high-quality SANHA®-Press system fittings made of pure copper (for copper pipes according to EN 1057) are suitable for many applications in domestic engineering. Especially for the drinking water sector, the PURAPRESS® series of premium transition fittings made of lead-free silicon bronze CuSi is a very attractive solution for lead-free drinking water installations. This offers installers additional safety against any liability claims. More, building owners increasingly demand not just safe but clean and sustainable buildings. Ideally suited in combination with copper and NiroSan® stainless steel pipes!

SANHA® tool compatibility
≤ 54 mm: original SA-, V- and M contours
> 54 mm: original SA and M contours
More info at www.sanha.co.uk

H2ready® GEPRÜFT / TESTED

SVGW SSIGE

ÖVGW GEPRÜFT

	SANHA®-Press PURAPRESS®	SANHA®-Press Gas	SANHA®-Press Solar	SANHA®-Press Chrom
Dimension	12 – 108 mm	12 – 54 mm	12 – 108 mm	12 – 28 mm
Series	6000 + 8000	10000 + 11000	12000 + 13000	16000
O ring	EPDM (Black)	HNBR (Yellow)	FKM (Red)	EPDM (Black)
Operating temperature	-30 °C – +120 °C	-20 °C – +75 °C	-20 °C – +160 °C (depends on medium)	-30 °C – +120 °C (depends on medium)
Application	Drinking water Heating / Cooling Compressed air (residual oil content max. 25 mg/m³) Fire extinguishing systems (DIN 14462, wet) Technical gases SANHA®-Press: Shipbuilding PURAPRESS®: Rainwater	Natural gas, LNG [< PN5] Hydrogen	Solar Compressed air Inert gases Cooling water Low pressure steam District heating Fuel oil Diesel Glycol	Heating Rain water Solar Compressed air Inert gases
Operating conditions				
Water and aqueous solutions	16 bar		16 bar	16 bar
Technical gases non-toxic, non-flammable	16 bar	16 bar	16 bar	16 bar
Flammable gases DVGW-G 260		5 bar		

* Depending on temperature and pressure - please contact our Technical Support at 01628 819245.

SANHA®-Press PURAPRESS®

combipress®
= Tool Compatibility + Push & Stay + Leak Path Feature
exclusive from SANHA®

Robust & reliable

SANHA®-Heavy Steel Press

The press fittings of our new system offer a safe and cost-effective alternative to welding for the connection of black carbon steel pipes. This means that construction projects are finished faster and more economically. Especially in places that are difficult to access our new system provides an excellent solution. The pipe wall thicknesses comply with EN 10220 and 10255.

Carbon steel: For closed systems

SANHA®-Therm

The SANHA®-Therm installation system consists of tried and trusted SANHA®-Therm press fittings from carbon steel with a black sealing ring from EPDM (ethylene propylene diene monomer) and SANHA®-Therm carbon steel pipes according to EN 10305-3.

SANHA® tool compatibility
≤ 54 mm: original SA-, V- and M contours
> 54 mm: original SA and M contours
More info at www.sanha.co.uk

	SANHA®- Heavy Steel Press	SANHA®- Heavy Steel Press Gas	SANHA®-Therm	SANHA®-Therm Industry
	1/2" – 2"	1/2" – 2"	12 – 108 mm	12 – 108 mm
	70000	71000	24000	28000
	EPDM (Black)	HNBR (Yellow)	EPDM (Black)	FKM (Red)
	-30 °C – +120 °C	-20 °C – +70 °C (+100 °C after consultation)	-30 °C – +120 °C	-20 °C – + 160 °C (depends on medium)
	Cooling water Sprinklers Low pressure steam Compressed air (dry) Technical gases Heating (closed circuits)	Natural gas Propane Fuel oil Mineral oil Compressed air Nitrogen Heating (closed circuits)	Heating (closed circuits - no DZ pipes) Solar Cooling water* Compressed air (oil free) Extinguishing (no DZ pipes) Glycol	Fuel Diesel Compressed air (dry) Heating (closed circuits - no DZ pipes) Cooling (closed circuits - no DZ pipes)* Solar system * With adequate mesaures to protect against corrosion.
	16 bar		16 bar	
	16 bar	16 bar	16 bar	16 bar
		5 bar		16 bar

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exclusive from SANHA®

Plastic power

3fit®-Press and 3fit®-Push

With the press or push-fit system 3fit® for Multifit® multi-layer composite pipes many challenges can be mastered very flexibly. Especially in drinking water distribution the lead-free material CuSi offers the highest possible certainty that the lead limits are not exceeded. The system of fittings and MLCP is also ideal for underfloor heating.

3fit®-Press pbfree system press fittings are equipped with several viewing windows. This gives installers full control at all times: The correct insertion depth is reached when the the white Multifit® pipe is visible in the windows.

3fit®-Push system fittings offer an equally safe and reliable connection as press fittings (lock function) through their particularly ingenious construction. The connection can be made quickly and and requires no tools. This eliminates any costs for the purchase, maintenance or repair of the pressing machines.

	3fit®-Press	3fit®-Push
Dimension	16 – 63 mm	16 – 20 mm
Series	25000 (Pb-free)	23000
O ring	EPDM (Black)	EPDM (Black)
Application	Drinking water Heating Rain water Closed cooling systems Compressed air	Heating / Cooling Compressed air (residual oil content max. 25 mg/m³) Rainwater
Operating conditions		
Water and aqueous solutions	+ 25 °C | 16 bar / + 50 °C | 13 bar / + 70 °C | 10 bar	

Multilayer composite pipes

MultiFit® system pipes

MultiFit®-Flex

MultiFit®-Flex system pipes are flexible, easy to install, long lasting and absolutely reliable. The 5-layer composite pipes are made of a hygienic PE-RT plastic inner pipe, a 100 % oxygen-impermeable, butt-welded aluminium layer and a robust PE-RT plastic layer, connected by bonding agents. MultiFit®-Flex pipes are ideal for underfloor heating distribution, drinking water and heating installations.

MultiFit®-PEX

MultiFit®-PEX plastic composite pipes are the optimum solution, in particular for underfloor heating or radiator connection lines in screed as well as for cooling systems. The 5-layer pipes are distinguished by their extraordinary flexibility and thus by their very high ease of installation. The basic material of high-density polyethylene is physically crosslinked by electron radiation without additives, which ensures high temperature-resistance with maximum flexibility and is therefore highly installation-friendly. The plastic oxygen barrier film (EVOH) makes the pipes oxygen-impermeable in accordance with DIN 4726.

MultiFit®-PE-RT

Our Multifit®-PE-RT pipe system consist of the same material as our MultiFit®-Flex pipes except that the 100 % oxygen-tight aluminium layer has been exchanged for an EVOH layer. This makes MultiFit®-PE-RT systems the perfect economically sensible alternative for all applications which need no special corrosion protection. SANHA® MultiFit®-PE-RT pipes are available in 16 x 2 mm and coils of 400 m.

Technical data of system pipes

d x s in mm	S_{Al} in mm	Weight of empty MultiFit®-Flex system pipe in kg/m	Weight of water-filled pipe in kg/m	Water content in l/m	Mounting distance L1 / L2 in m	
					Cold water	Warm water
MultiFit®-Flex						
16 x 2.0	0.20	0.105	0.218	0.113	0.60	0.25
20 x 2.0	0.25	0.140	0.341	0.201	0.70	0.30
26 x 3.0	0.35	0.260	0.574	0.314	0.80	0.35
32 x 3.0	0.50	0.350	0.881	0.531	0.90	0.40
40 x 3.5	0.50	0.500	1.355	0.855	1.10	0.50
50 x 4.0	0.60	0.700	2.085	1.385	1.25	0.60
63 x 4.5	0.80	1.100	3.390	2.290	1.40	0.75
MultiFit®-PEX and MultiFit®-PE-RT						
16 x 2.0	–	0.091	0.218	0.113	0.60	0.25
MultiFit®-PEX						
20 x 2.0	–	0.117	0.318	0.201	0.70	0.30

Lead-free & sustainable
PURAFIT®

PURAFIT® threaded fittings are made from our unique lead-free silicon bronze (CuSi) and are ideally suited for use in drinking water installations. With these premium fittings, installers can be certain to meet the stringent demands of the DWD and are safe from liability while residents obviously benefit at the same time.

The Original - future-proof!

Proven quality
Threaded fittings

SANHA® - threaded fittings made of brass (material No. CW617N) are suitable for use in heating water, extinguishing systems, fully and partially desalinated water and many more, water-glycol and/or water-glycol mixtures (antifreeze additive), offering installers high flexibility. They fully comply with all requirements of the German „GMS " and are certified with the RAL mark of quality.

RAL

Double safety
ACR Copper Press

Streamline® ACR Copper Press are modern press fittings for a wide range of cooling and refrigeration systems including heat pumps up to 48 bar. They combine several industry- first design features such as the DualSeal™ for optimal safety of the installation.

Streamline® is a brand and registered trademark of Mueller Streamline Co. / Mueller Industries. All rights reserved.

	PURAFIT®	Threaded fittings	ACR Copper Press
Dimension	1/8" – 3"	1/8" – 2 1/2"	1/4" - 1 3/8"
	3000		32000
Operating temperature	-20 °C – +225 °C	s.b.	-40 °C – +120 °C
Anwendung	Drinking water Heating Flammable gases Rainwater Solar systems Compressed air Fire extinguishing system Sprinkler systems Inert gases Cooling water piping	Rain water Inert gases Cooling water Heating	Air Conditioning Heat Pump VRF/VRV Non-Potable water Ethylene Glykol
Operating conditions			
Water and aqueous solutions	1/8"...3/4" | 25 bar ≤ 120 °C · 16 bar ≤ 225 °C 1"...3" | 16 bar ≤ 120 °C · 6 bar ≤ 225 °C	10 bar ≤ 90 °C	
Technical gases non-toxic, non-flammable	16 bar (depending on the area of application)		up to 48 bar
Flammable gases DVGW-G 260	5 bar		

Heavyweight

Malleable iron fittings +S+

SANHA®-threaded fittings made of malleable cast iron (black and galvanised) are manufactured according to EN 10242. These fittings are equipped with connection threads according to EN 10226 or ISO 7/1. Due to their high vibration and shock resistance, these high-quality and extremely stable moulded malleable cast iron fittings can be used even under severe conditions.

Proven quality

SA capillary solder fittings

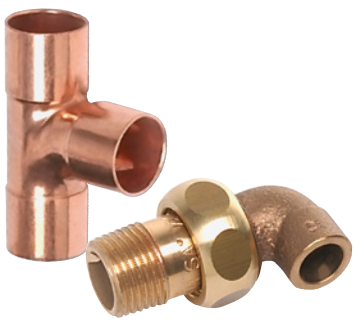
Solder and transition fittings in copper and copper alloy for copper pipes according to EN 1057. Tested according to BE EN 1254, BS 864-2, and BSI certified to BS 864-2. The SANHA® capillary solder fittings are manufactured from copper, Cu-DHP, CW024A (moulded parts) and copper alloy CC499K (threaded parts, cast parts) and fulfil the requirements of BS EN 1254. Certified according to DVGW GW 8.

130 bar pressure

SANHA® RefHP®

In transcritical cooling systems, environmentally solutions are becoming more and more important, for example through the use of ecologically refrigerants such as CO_2 (R744). (R744). Higher operating pressures of up to 130 bar are the result. SANHA® RefHP® high-pressure fittings were developed on the basis of our over 50 years of experience in the field of solder fittings. RefHP® fittings are compatible with all four CuFe pipe types available on the market, offering a high degree of flexibility: KME - CL12, HALCOR - TALOS XS, Mueller - XHP, Wieland - K65.

	Malleable iron fittings +S+	SA (Soft- / Hard soldering)	SANHA® RefHP®
	1/8" – 4"	6 - 108 mm / 6 - 159 mm	– 2 5/8"
		4000 / 5000	29000
	-30 °C – +300 °C	-30 °C – +110 °C	-196 °C – +150 °C
	Drinking water (restricted) Heating Gas Rain water Solar Compressed air Fire extinguishing Sprinkler systems Inert gases Cooling water	Drinking water Heating Medical gases Gas installations Rainwater Solar systems Compressed air Fire extinguishing system Sprinkler systems Inert gases Cooling water piping	Cooling Refrigeration Air conditioning Water Technical gases Flammable gases Compressed air Further applications on request
	25 bar 20 – 120 °C (interpolated values from 120 – 300 °C) · 20 bar ≤ 300 °C	6 – 28 mm: 45 bar ≤ 30 °C · 25 bar ≤ 65 °C · 16 bar ≤ 110 °C	130 bar
		35 – 54 mm: 25 bar up to 30 °C · 16 bar ≤ 65 °C · 10 bar ≤ 110 °C	130 bar
	1 bar	64 – 108 mm: 16 bar up to 30 °C · 16 bar ≤ 65 °C · 10 bar ≤ 110 °C	



SANHA®
a perfect fit

PREMIUM QUALITY

responsible sustainable fair.

With safety on your side
SANHA® offers genuine advantages

As a family enterprise for many decades we have been observing a simple principle: every pipe and every fitting must give the customer added value in terms of safety and practical use at a fair price. This is our mission and, at the same time, the best recommendation from our satisfied customers.

As a specialist for piping systems we offer a unique breadth and depth of products for all of the usual connection techniques and applications from a one stop shop. Tried and tested installation techniques are as much a part of our program as practice-oriented innovations.

Your advantages:

Experience & Service Our customers are central to all our activities. As a family enterprise, SANHA® highly values an active close and long-term relationship with all our partners, be they planners, installers, contractors or wholesalers. With vast experience since 1964, we are committed to close support of our customers with piping system solutions and services.

Always a perfect fit SANHA® offers a wide range of materials, dimensions and connection methods as well as piping systems from our own European production facilities.

Nationwide technical service SANHA® is pleased to offer a wide range of services from installation training, technical online and on-site seminars, design advice, specifications and on site support when required, including BIM data.

For what is yet to come With an active CSR and sustainability strategy, we strive to protect the climate and the environment, promote sports and culture, be respectful with our employees and partners and actively promote a diverse and creative internal and external culture.

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