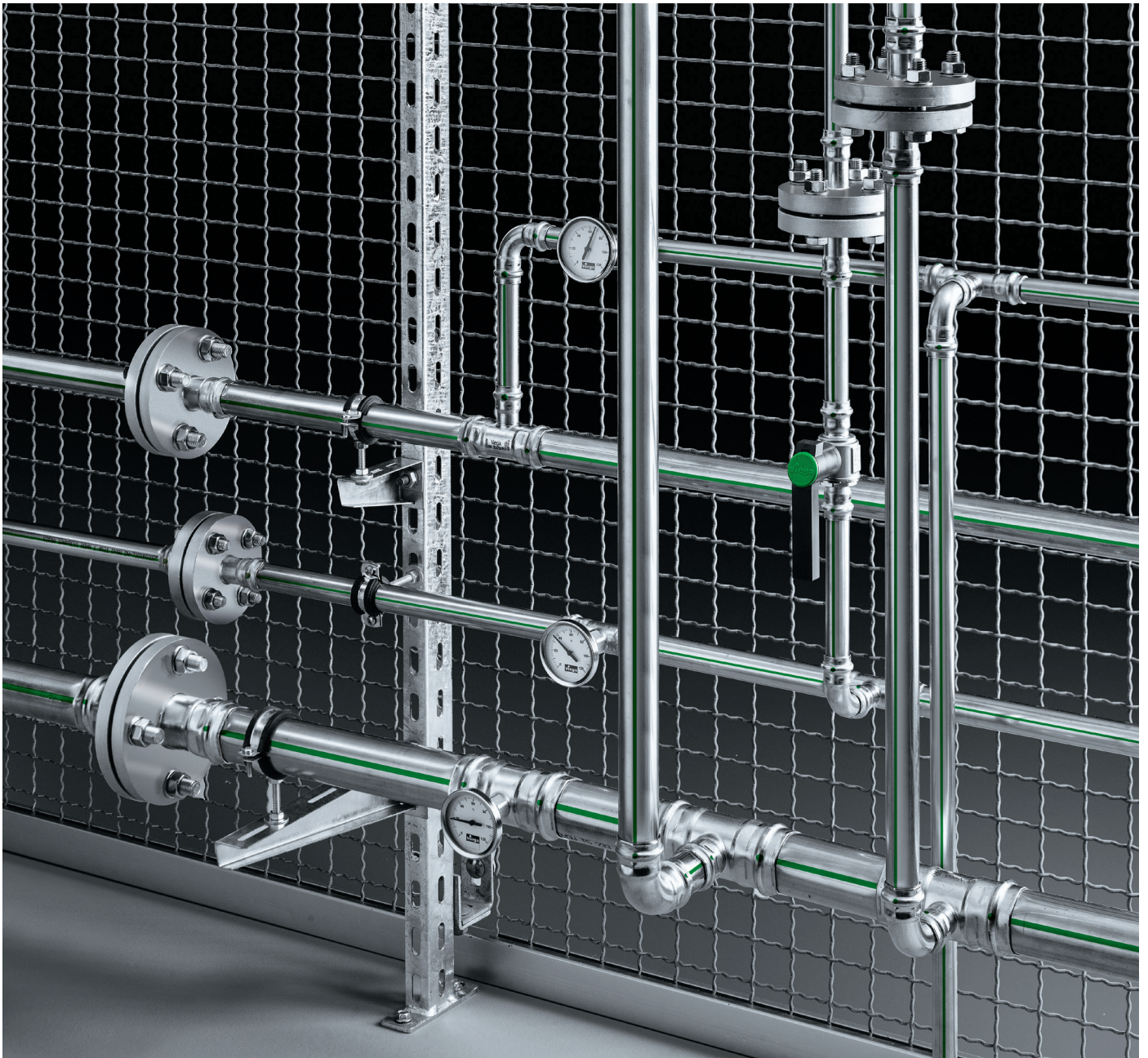


Information for planning and execution

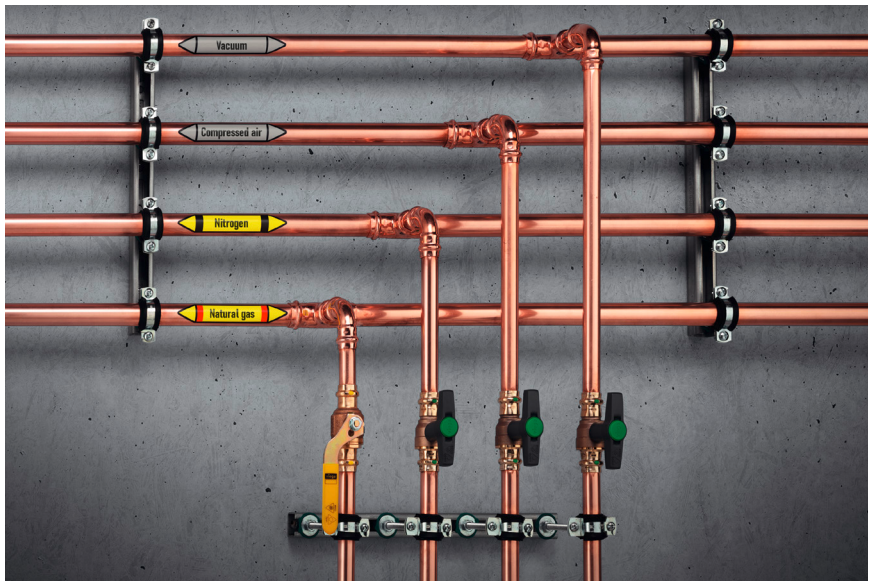
Fields of applications for metal installation systems



viega

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For many years, Viega press connecting technology with the Sanpress, Sanpress Inox, Prestabo and Profipress systems has proved its worth for use in drinking water and building services installations. Increasingly often, it is now used in industrial systems with special operating conditions in terms of pressure, temperature, and concentration of the transported media, requiring careful selection of the pipe and sealing materials.

This brochure intends to help with this selection. In special cases, please contact our Service Center to discuss whether your application is in compliance with the "intended use" of a system. For inquiries via fax, please use the annexed checklist.



Viega piping systems with press connectors cannot be used for piping systems in the food industry as well as for water used in the manufacture of pharmaceutical products (Aqua valde purificata) or for injection purposes (Aqua ad iniectionabilia).

The contents of this product information are not binding. We reserve the right to changes reflecting new insights and technical progress.

Conversion Bar/Pascal

bar	mbar	Pa	kPa	hPa	MPa
1	1 000	100 000	100	1 000	0.1
0.001	1	100	0.1	1	0.0001
0.01	10	1 000	1	10	0.001
0.1	100	10 000	10	100	0.01

Sealing elements – Technical data

Sealing element - short name	Technical designation	Viega press connector system application	Colour
EPDM	Ethylene propylene diene rubber	Sanpress Inox/ Sanpress/Profipress/ Megapress	black
HNBR	Acrylonitrile butadiene rubber	Sanpress Inox G/ Profipress G/ Megapress G	yellow
FKM	Fluor rubber	Sanpress Inox/ Sanpress/Profipress/ Megapress S	black

1 Categorisation of technical gases in accordance with EU Directive 2014/68/EU (Pressure Equipment Directive (PED))

with the aid of (EC) Regulation No. 1272/2008 (CLP regulation (classification, labelling, packaging))

Group 2 (fluids that cannot be categorised in Group 1)			
Gas	Type	H200 codes	
Helium	Noble gas	280	
Neon	Noble gas	280	
Argon	Noble gas	280	
Krypton	Noble gas	280	
Xenon	Noble gas	280	
Nitrogen	Inert gas	280	
Forming gas, dry/inert gas	Inert gas	280	
Carbon dioxide	Others	280	
Synthetic air	Others	280	
Coarse vacuum	Vacuum	n/a	

Group 1 (hazardous fluids)			
Gas	Type	Information	H200 codes
Acetylene	Fuel gas	Unstable alkyne ³⁾	220 / 230 / 280
Hydrogen	Fuel gas	Fuel gas in its simplest form	220 / 280
Methane	Fuel gas	Alkane ¹⁾	220 / 280
Ethane	Fuel gas	Alkane	220 / 280
Propane	Fuel gas	Alkane	220 / 280
Butane	Fuel gas	Alkane	220 / 280
Ethene (ethylene)	Fuel gas	Alkene ²⁾	220 / 280
Propene (propylene)	Fuel gas	Alkene	220 / 280
Liquid gas (LPG)	Fuel gas	Mixture of gases	220 / 280
Natural gas	Fuel gas	Mixture of gases	220 / 280
Carbon monoxide	Oxidising gas		270 / 280
Laughing gas	Oxidising gas		270 / 280
Oxygen	Oxidising gas		270 / 280
Carbogen	Oxidising gas		270 / 280

¹⁾ aliphatic saturated hydrocarbon

²⁾ aliphatic unsaturated hydrocarbon with double bond

³⁾ aliphatic unsaturated hydrocarbon with triple bond

H sets	Types of hazard	H200 codes	Physical hazards
H200	Physical hazards	H220	Extremely flammable gas
H300	Health hazards	H230 (= EUH006)	May react explosively even in the absence of air
H400	Environmental hazards	H270	May cause or intensify fire: oxidizer
		H280	Contains gas under pressure; may explode if heated

2 Pipes and press connectors – transported media

2.1 Waters, frost and corrosion protection, heat carriers

System name		Profipress				Profipress S		Sanpress				Tempo- nox	Prestabo	Mega- press	Mega- press S	Sea- press	
		copper	stainless steel	1.4520	copper	stainless steel	1.4520	1.4521	1.4401	1.4521	1.4401						stainless steel
Waters	Pipe material																
	Connector material																
	Sealing element																
	Medium																
Medium	Comment	P _{max} [MPa]	T _{max} [°C]														
Drinking water	According to DIN 1988-200 and EN 806-2 material selection according to DIN EN 12502-1 ¹⁸⁾	1.0	80	✓				✓						✓ ⁹⁾			
Treated water (no drinking water)	Fully desalinated, deionised, demineralised, distilled (open system)	1.6				✓ ¹⁷⁾											
Cooling water, closed circuit	Open systems available on request	≥ -25		✓	✓ ¹¹⁾	✓	✓ ¹⁰⁾	✓	✓	✓	✓	✓	✓ ³⁾	✓	✓ ⁷⁾	✓ ^{7) 10)}	
Vapour	Low pressure steam units	≤ 0.1	120	✓ ¹⁾	✓ ^{1) 2)}	✓	✓ ²⁾	✓ ^{1) 2)}	✓ ^{1) 2)}	✓ ^{1) 2)}	✓ ^{1) 2)}	✓ ^{1) 2)}			✓ ⁸⁾	✓ ^{1) 2)}	
Well water	Requirements in acc. with DWO	80		✓													
Pump hot water heating systems	in acc. with DIN EN 12 828	1.6	105	✓	✓	✓ ¹⁰⁾	✓	✓	✓	✓	✓	✓	✓	✓	✓ ¹⁰⁾	✓	
Anti-freeze / corrosion protection / cold and heat carrier																	
Product/manufacturer																	
		✓	✓ ¹¹⁾	✓ ¹⁰⁾	✓	✓	✓	✓	✓	✓	✓	✓	✓ ³⁾	✓	✓ ⁷⁾	✓ ^{7) 10)}	✓
Anti-freeze, cooling brines concentration of 50%	Antifrogen N / Clariant	✓	✓	✓	✓ ¹¹⁾	✓	✓ ¹⁰⁾	✓	✓	✓	✓	✓	✓ ³⁾	✓	✓ ⁷⁾	✓ ^{7) 10)}	✓
	Antifrogen L / Clariant	✓	✓	✓	✓ ¹⁰⁾	✓	✓	✓	✓	✓	✓	✓	✓ ³⁾	✓	✓ ⁷⁾	✓ ^{7) 10)}	✓
	Antifrogen Sol (solar installations) / Clariant	✓	✓	✓	✓ ¹⁰⁾	✓	✓	✓	✓	✓	✓	✓	✓ ³⁾	✓	✓ ⁷⁾	✓ ^{7) 10)}	✓
	Ethylene glycol (Ethan-1,2-diol)	✓	✓	✓	✓ ¹⁰⁾	✓	✓	✓	✓	✓	✓	✓	✓ ³⁾	✓	✓ ⁷⁾	✓ ^{7) 10)}	✓
	Propylene glycol (1,2-Propanediol)	✓	✓	✓	✓ ¹⁰⁾	✓	✓	✓	✓	✓	✓	✓	✓ ³⁾	✓	✓ ⁷⁾	✓ ^{7) 10)}	✓
Potassium Acetate / -formiat brine	Tyfoxit / Tyforop-Chemie	✓	✓	✓	✓ ¹¹⁾	✓	✓ ¹⁰⁾	✓	✓	✓	✓	✓ ³⁾	✓	✓ ⁷⁾	✓ ^{7) 10)}	✓	
	TEMPER® Antifrogen KF / Clariant Glysofor KF / Wittig	✓	✓	✓	✓ ¹⁰⁾	✓	✓	✓	✓	✓	✓	✓ ³⁾	✓	✓ ⁷⁾	✓ ^{7) 10)}	✓	

¹⁾ sealing elements replaced for FKM
²⁾ without additives
³⁾ corrosion protection acc. to AGI Q151
⁷⁾ corrosion protection for the pipes acc. to AGI Q151; thanks to their zinc-nickel coating, the Megapress connectors do not require any corrosion protection
¹¹⁾ The use of Sanpress and Sanpress Inox press connectors is recommended. When using Profipress press connectors made of copper the connection points between pipe and press connector have to be protected with a corrosion prevention agent.
¹⁷⁾ Resistance < 1 MΩ · cm (at 25 °C)
⁸⁾ following coordination with the Attendorn factory
⁹⁾ only applicable for Megapress silicon bronze adapter, model 4213.2
¹⁰⁾ for operating temperatures of -5 °C to +140 °C
¹⁸⁾ Temperature up to max. 95 °C over a period of max. 60 min

Oils		System name		Sanpress						Profi- press G	Sanpress Inox G	Tempo- nox	Prestabo	Mega- press S	Mega- press G	Sea- press
		ProfiPress	ProfiPress	1.4521	1.4520	1.4401	1.4521	1.4520	1.4401	stainless steel	copper	stainless steel 1.4401	stainless steel 1.4520	steel galvanised	steel thick-walled	CuNiFe
Pipe material		copper		1.4521	1.4520	1.4401	1.4521	1.4520	1.4401	stainless steel	copper	stainless steel 1.4401	stainless steel 1.4520	steel galvanised	steel thick-walled	CuNiFe
Connector material		copper		1.4521	1.4520	1.4401	1.4521	1.4520	1.4401	gunmetal Silicon bronze	copper gunmetal Silicon bronze	stainless steel	stainless steel 1.4301	steel galvanised	steel zinc-nickel plated	CuNiFe
Sealing element		EPDM		1.4521	1.4520	1.4401	1.4521	1.4520	1.4401	EPDM	HNBR	HNBR	EPDM	EPDM	FKM	HNBR
Medium		Comment		P _{max} [MPa]		T _{max} [°C]										
Mineral oils SAE		15–108 mm / 3/8–4 inch		1.6		70						✓ ⁴⁾			✓	
Fuel oil acc. to DIN 51603-1 Diesel acc. to DIN EN 590		according to TRbF (German Technical Regulations for Flammable Liquids) 12–54 mm / 1/2–2 inch		0.5		40					✓				✓	
Palm oil				1.0		70						✓ ⁴⁾			✓ ⁸⁾	
Rapeseed oil												✓ ⁴⁾			✓ ⁸⁾	
Soy oil												✓ ⁴⁾			✓ ⁸⁾	
Sunflower oil												✓ ⁴⁾			✓ ⁸⁾	
Biodiesel		EN 14214			✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾				✓ ¹⁾		✓	
Palm oil heating					✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾	✓ ¹⁾							

¹⁾ sealing elements replaced for FKM
⁴⁾ in connection with Viega stainless steel pipe 1.4521, 1.4520 and 1.4401
⁸⁾ following coordination with the Attendorn factory

2.3 Compressed air assigned to the purity classes according to ISO 8573-1:2010-04

system name	pipe material	Sealing element ⁽²⁾	p _{max} [MPa]	T _{max} [°C]	Solid particles ⁽³⁾										Residual moisture content										Oil content														
					class										class										class														
					0	1	2	3	4	5	6	7	X	0	1	2	3	4	5	6	7	8	9	X	0	1	2	3	4	X									
Profipress		EPDM			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Profipress S	Copper pipe acc. to DIN EN 1057	FKM			0	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Profipress G		HNBR			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Sanpress	1.4401 model 2203/2203XL	EPDM			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		FKM ⁽⁵⁾			0	✓	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	1.4521 model 2205/2205XL	EPDM			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		FKM ⁽⁵⁾			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	1.4520 model 2204/2204XL	EPDM			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		FKM ⁽⁵⁾			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sanpress Inox	1.4401 model 2203/2203XL	EPDM	1,6	60	0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		FKM ⁽⁵⁾			0	✓	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	1.4521 model 2205/2205XL	EPDM			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		FKM ⁽⁵⁾			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.4520 model 2204/2204XL	EPDM			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		FKM ⁽⁵⁾			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sanpress Inox G	1.4401 model 2203/2203XL	HNBR			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sanpress Inox LF	1.4401 model 2203/2203XL	EPDM			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.4521 model 2205/2205XL	EPDM			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.4520 model 2204/2204XL	EPDM			0	✓	✓	✓	✓	✓	✓	✓	✓	0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

¹²⁾ EPDM sealing element for oil concentrations < 25 mg/m³
¹³⁾ Recommendation for classes 1 to 3: Flush the line before commissioning

¹⁵⁾ The EPDM factory-fitted sealing element can be exchanged for a FKM sealing element on-site

✓ = For use

✗ = Not for use

○ = Conditional use, consultation with the Service Center required

system name	pipe material	Sealing element ⁽²⁾	p _{max} [MPa]	T _{max} [°C]	Solid particles ⁽³⁾										Residual moisture content class										Oil content class									
					Solid particles ⁽³⁾										Residual moisture content class										Oil content class									
					0	1	2	3	4	5	6	7	X	0	1	2	3	4	5	6	7	8	9	X	0	1	2	3	4					
Seapress	Copper nickel wrought alloy to DIN 86019 WL 2.1972.11 or WL 2.1972.22	EPDM			O	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		FKM ⁽⁵⁾			O	✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Temponox	1.4520 model 2204/2204XL	EPDM			O	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		FKM ⁽⁵⁾			O	✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Prestabo	Externally galvanised model 1103/1103XL	EPDM			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		FKM ⁽⁵⁾			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PP coated model 1104	EPDM			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		FKM ⁽⁵⁾			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Prestabo LF	Externally and internally galvanised model 1106/1106XL	EPDM			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		FKM ⁽⁵⁾			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Externally galvanised model 1103/1103XL	EPDM			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		FKM ⁽⁵⁾			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Prestabo LF	PP coated model 1104	EPDM			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		EPDM			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Externally and internally galvanised model 1106/1106XL	EPDM			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		EPDM			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Megapress	Steel pipes according to DIN EN 10255	EPDM			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Megapress S	DIN EN 10220	FKM			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Megapress G	DIN EN 10216-1	FKM			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Megapress G	DIN EN 10217-1	HNBR			✓	✓	✓	✓	✓	✓	✓	✓	✓	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

¹²⁾ EPDM sealing element for oil concentrations < 25 mg/m³
¹³⁾ Recommendation for classes 1 to 3: Flush the line before commissioning

¹⁵⁾ The EPDM factory-fitted sealing element can be exchanged for a FKM sealing element on-site

✓ = For use

✗ = Not for use

O = Conditional use, consultation with the Service Center required

2.4 Gases

System name		Profipress		Profipress S		Sanpress					Profipress G		Sanpress Inox G		Tempo-nox		Prestabo			Mega-press S			Mega-press G		Sea-press																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		stainless steel	1.4520	copper	stainless steel	1.4520	1.4521	1.4520	1.4521	1.4520	1.4521	1.4520	1.4521	stainless steel	1.4401	stainless steel	1.4520	galvanised steel	hot dip galvanised	steel	thick-walled	steel	CuNi-Fe																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Pipe material		copper		stainless steel		copper		stainless steel		1.4521		1.4520		1.4521		1.4401		copper		stainless steel		1.4401		stainless steel		steel		galvanised steel		hot dip galvanised		steel		thick-walled		CuNi-Fe																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Connector material		copper		gunmetal		Silicon bronze		copper		gunmetal		Silicon bronze		copper		gunmetal		Silicon bronze		copper		gunmetal		Silicon bronze		stainless steel		1.4301		stainless steel		galvanised steel		steel		zinc-nickel plated		CuNi-Fe																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Sealing element		EPDM		FKM		FKM		EPDM		EPDM		HNBR		HNBR		HNBR		EPDM		EPDM		EPDM		FKM		HNBR		EPDM		EPDM		EPDM		EPDM		EPDM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Gases*		Medium		Comment		P _{max} [MPa]		T _{max} [°C]																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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* Purity requirements acc. to DIN EN 437 available on request

¹⁾ sealing elements replaced for FKM

⁵⁾ in case of HTR (higher thermal resistance) requirement, max. permitted operating pressure p_{max} = 0.1 MPa

⁷⁾ BAM certified

⁸⁾ following coordination with the Attendorn factory

¹⁴⁾ 15–54 mm, Expert opinion TÜV Rheinland (suitability for the medium of oxygen) / also applies to Sanpress Inox LF (free of paint-wetting impairment substances)

¹⁶⁾ ≤ DN 25 / also applies for Sanpress Inox LF (lubs-free)

Gases*		System name	Profi-press		Profi-press S		Sanpress						Profi-press G		Sanpress Inox G		Tempo-inox		Prestabo		Mega-press		Mega-press S		Mega-press G		Sea-press
			copper	stainless steel	1.4520	copper	stainless steel	1.4521	1.4520	1.4521	1.4520	1.4521	1.4520	1.4521	1.4520	1.4521	1.4520	1.4521	steel	galvani- sed	hot dip galvanised	steel	thick-walled	steel	zinc-nickel plated	CuNiFe	
Connector material		pipe material	copper		copper		copper		copper		copper		copper		copper		copper		copper		copper		copper		copper		CuNiFe
Sealing element			gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		gunmetal Silicon bronze		
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR		EPDM	
Sealing element		EPDM		FKM		EPDM		EPDM		EPDM		HNBR		HNBR		EPDM		EPDM		EPDM		EPDM		HNBR			EPDM
Sealing element		EP																									

* Purity requirements acc. to DIN EN 437 available on request

¹⁾ sealing elements replaced for FKM

2.5 Special media - Examined and approved

Special media*														
System name	Profipress		Sanpress				Profi-press G	Sanpress Inox G	Tempo-nox	Prestabo	Mega-press	Mega-press S	Mega-press G	Sea-press
pipe material	copper	stainless steel 1.4520	1.4521	1.4520	1.4401	1.4521	1.4401	copper	Stainless steel 1.4401	Stainless steel 1.4520	steel galvanised	steel thick-walled		CuNiFe
Press connector material	copper gunmetal Silicon bronze		stainless steel		gunmetal Silicon bronze		copper gunmetal Silicon bronze		stainless steel	Stainless steel 1.4301	steel galvanised	steel zinc-nickel plated		CuNiFe
Sealing element	EPDM		EPDM				HNBR		HNBR	EPDM	EPDM	FKM	HNBR	EPDM
P _{max} [MPa] T _{max} [°C]														
Urea solution	1.0	40		✓	✓	✓	✓			✓				
Ethanol		25	✓	✓	✓	✓	✓			✓				
Methanol				✓						✓				
Condensate	1.6	105		✓	✓	✓	✓			✓				
Condensate			✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾	✓ ⁶⁾			✓	✓ ⁸⁾	✓ ⁸⁾		✓
Glycerine triacetate	0.1	20		✓	✓	✓	✓			✓				
Caustic soda	1.0	60			✓	✓	✓							
Caustic soda														
Acetone	0.5	-10 to 40	✓	✓	✓	✓	✓			✓				
Ammoniac	0.2	25		✓	✓	✓	✓			✓				
Biogas – before bio-gas treatment	0.5	70							✓					
Biogas – after biogas treatment								✓ ⁵⁾	✓				✓	
Fermenter heating	1.0	105			✓									

* Purity requirements acc. to DIN EN 437 available on request

⁵⁾ in case of HTR (higher thermal resistance) requirement, max. permitted operating pressure p_{max} = 0.1 MPa

⁶⁾ without contamination

⁸⁾ following coordination with the Attendorn factory

3 Valves – transported media

3.1 Waters, frost and corrosion protection, heat carriers

Waters

Product name		Easytop ball valve		Free-flow valve	Easytop Inox ball valve	Profipress G gas ball valve	Gas ball valve
Model no.		2270, 2270.4, 2270.10, 2275, 2275.3, 2275.4	2270.1, 2270.2, 2275.1, 2275.2, 2275.5, 2275.6	2242, 2278	2370	2670, 2670.4, 2671, 2671.3	G2101
Press connector material		gunmetal Silicon bronze			stainless steel	gunmetal Silicon bronze	brass
Seal		EPDM		EPDM	EPDM	HNBR	
Medium		P _{max} [MPa]		T _{max} [°C]			
Drinking water	Requirement acc. to DWO ¹⁸⁾	1.0		✓	✓		
Treated water (no drinking water)	Fully desalinated, deionised, demineralised, distilled (open system)				✓		
Cooling water, closed circuit	Open systems available on request	1.6		✓	✓		
Well water	Requirements in acc. with DWO			✓	✓		
Pump hot water heating systems	in acc. with DIN EN 12 828			✓	✓		

Product/manufacture		P _{max} [MPa]		T _{max} [°C]			
Anti-freeze, cooling brines concentration of 50%	Antifrogen N / Clariant			✓	✓		
	Antifrogen L / Clariant			✓	✓		
	Antifrogen Sol (solar installations) / Clariant			✓	✓		
	Ethylene glycol (Ethan-1,2-diol)	1.6		✓	✓		
	Propylene glycol (1,2-Propanediol)			✓	✓		
Potassium Acetate / - formiat brine	Tyfoxit / Tyforop-Chemie			✓	✓		
	Tyfofor (L) / Tyforop-Chemie			✓	✓		
	TEMPER® Antifrogen KF / Clariant Glysofor KF / Wittig			✓	✓		

¹⁸⁾ Temperature up to max. 95 °C over a period of max. 60 min

3.2 Oils

Product name		Easytop ball valve		Free-flow valve	Easytop Inox ball valve	Profipress G gas ball valve	Gas ball valve
Model no.		2270, 2270.4, 2270.10, 2275, 2275.3, 2275.4	2270.1, 2270.2, 2275.1, 2275.2, 2275.5, 2275.6	2242, 2278	2370	2670, 2670.4, 2671, 2671.3	G2101
Press connector material		gunmetal Silicon bronze			stainless steel	gunmetal Silicon bronze	brass
Seal		EPDM		EPDM	EPDM	HNBR	
Medium		P _{max} [MPa]	T _{max} [°C]				
Mineral oils SAE		1.6	70			✓	✓
Palm oil						✓	✓
Rapeseed oil						✓	✓
Soy oil		1.0				✓	✓
Sunflower oil						✓	✓
Palm oil heating	Valves not in palm oil		90	✓	✓		

Oils

3.3 Gases

Product name		Easytop ball valve		Free-flow valve	Easytop Inox ball valve	ProfiPress G gas ball valve	Gas ball valve
		2270, 2270.4, 2270.10, 2275, 2275.3, 2275.4	2270.1, 2270.2, 2275.1, 2275.2, 2275.5, 2275.6		2370	2670, 2670.4, 2671, 2671.3	G2101
Press connector material		gunmetal Silicon bronze			stainless steel	gunmetal Silicon bronze	brass
Seal		EPDM		EPDM	EPDM	HNBR	
Medium		p _{max} [MPa]		T _{max} [°C]			
		Comment					
Compressed air	Oil concentration ≤ 25 mg/m ³ 12–54 mm						
	Oil concentration ≥ 25 mg/m ³ 12–54 mm						
Natural gas	according to G 260						
Argon	12–54 mm						
Carbogen	CO ₂ + O ₂ dry 12–54 mm						
Nitrogen – N ₂	Downstream of the vaporiser 12–54 mm						
Hydrogen – H ₂	12–108 mm						
Carbon dioxide – CO ₂	dry 12–54 mm						
Carbon monoxide – CO	Stainless steel parts not permitted 12–54 mm						

* Purity requirements acc. to DIN EN 437 available on request

⁵⁾ in case of HTR (higher thermal resistance) requirement, max. permitted operating pressure p_{max} = 0.1 MPa

Gases*

Medium	Comment	p _{max} [MPa]		T _{max} [°C]		Product name		Easytop ball valve		Free-flow valve	Easytop Inox ball valve	ProfiPress G gas ball valve	Gas ball valve
Coarse vacuum	P _{abs} = 1hPa			70				2270, 2270.4, 2270.10, 2275, 2275.3, 2275.4	2270.1, 2270.2, 2275.1, 2275.2, 2275.5, 2275.6	2242, 2278	2370	2670, 2670.4, 2671, 2671.3	G2101
Forming gas, dry/inert gas	Ar + CO ₂ (e.g. corgon)	1.6											
		1.0											
Nitrous oxide (laughing gas)		1.6											
		1.0											
Ethane		1.6											
		1.0											
Ethene (ethylene)		1.6											
		1.0											
Helium		1.6		60									
		1.0											
Krypton		1.6											
		1.0											
Neon		1.6											
		1.0											
Xenon		1.6											
		1.0											
Synthetic air		1.6											
		1.0											

* Purity requirements acc. to DIN EN 437 available on request

3.4 Special media - Examined and approved

Special media*									
Product name		Easytop ball valve		Free-flow valve	Easytop Inox ball valve	Profipress G gas ball valve	Gas ball valve		
Model no.	2270, 2270.4, 2270.10, 2275, 2275.3, 2275.4	2270.1, 2270.2, 2275.1, 2275.2, 2275.5, 2275.6	2242, 2278	2370	2670, 2670.4, 2671, 2671.3	G2101			
Press connector material	gunmetal Silicon bronze			stainless steel	gunmetal Silicon bronze	brass			
Seal	EPDM		EPDM	EPDM	HNBR				
Medium		Comment	P _{max} [MPa]	T _{max} [°C]					
Urea solution		Max. concentration 40 %	1.0	40					
Ethanol				25	✓	✓			
Methanol		Caution: toxic!				✓			
Condensate		from gas-powered calorific value devices, not from oil-powered calorific value devices!	1.6	110		✓			
Condensate		of vapour			✓ ⁶⁾	✓ ⁶⁾			
Caustic soda		50 % aqueous solution	1.0	60		✓			
Acetone		liquid		-10 to 40	✓	✓			
Biogas – after biogas treatment		according to G260 and G262	0.5	70		✓ ⁵⁾	✓ ⁵⁾		
Fermenter heating		Substrate temperature 65 °C outside of the fermenter	1.0	105	✓	✓			

* Purity requirements acc. to DIN EN 437 available on request

⁵⁾ in case of HTR (higher thermal resistance) requirement, max. permitted operating pressure p_{max} = 0.1 MPa

⁶⁾ without contamination

4 Appendix – Form

4.1 Inquiry regarding material durability

Inquiry regarding material durability

Global Service & Consulting-Team Application

Phone +49 (0) 2722 61 5666

material-request@viega.com



Customer		Building project	
Customer no.			
Customer/company*		Customer/company*	
Contact persons*		Contact persons	
Street*		Street	
Postal code/town*		Postal code/town	
Country*		Country	
Phone*		Phone	
Email*		Email	
		Potential*	

Information about the installation system	
Planned system*	
Dimension*	

Information about the medium			
Supplier/manufacturer*			
Trade name/designation*			
Application/function*			
Concentration of the medium*			
Other components			
	Time interval (Sec.)	Duration of the condition	
max. temp.*			
min. temp.*			
max. pressure*			
min. pressure*			
max. pH value			
min. pH value			

Information about the system				
Function of the complete system				
Installation site*	☐ Indoor	☐ Outdoor		
Type of installation*	☐ open	☐ closed		
Stagnation*	☐ yes	☐ no		
Ambient conditions*	☐ Interior spaces	☐ Country air	☐ City air	☐ Sea air
	☐ Industrial air	☐ Other:		
desired service life*	☐ < 1 year	☐ 1–5 years	☐ 5–10 years	☐ > 10 years

Free text field

* Mandatory fields



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