

EXTINGUISHING WATER AND SPRINKLER SOLUTIONS FROM VIEGA.

Approval-compliant fire protection solutions



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VIEGA SYSTEM SOLUTIONS FOR **EXTINGUISHING** **WATER SYSTEMS.**

“Wet”, “wet/dry” or “dry” extinguishing water systems play a crucial role in ensuring effective fire-fighting operations. The Viega press technology **provides a safe, economical and easy-to-install system solution.** The permitted system combinations are shown in the tables below.

The approval-compliant Viega system solution in a “dry” extinguishing water system in accordance with DIN 14462

For connecting pipes ($\leq$ DN65), use only Sanpress Inox press fittings with a FKM replaceable sealing element (model 2286)

Easy connection to air vents using the Sanpress Inox plug-in adapter (model 2312.1) and the Sanpress Inox reducer (model 2315.1XL) with the FKM replacement seal (model 2286)

The pipe material 1.4521 (model 2205XL) must be used for the pipework

For risers, use Sanpress DN80 press fittings throughout, transitions to service pipes using Sanpress XL-T-pieces DN80 (model 2218XL)



Fast, easy, reliable – the Viega Pressgun 6 Plus ensures convenient and safe installation using standard tools. The Viega system solution eliminates the need for special hydraulic units.



“Dry” and “wet/dry” extinguishing water systems in accordance with DIN 14462

For a professional and reliable installation – Sanpress Inox up to and including DN65 and Sanpress DN80 in combination with the Viega stainless steel pipe 1.4521. The suitability of this system solution for use in “dry” and “wet/dry” extinguishing water systems has been demonstrated in accordance with DIN 14462:2023-07 by means of VdS approvals.

	SANPRESS INOX		SANPRESS	
Area of application	Extinguishing water systems - dry - wet/dry		Extinguishing water systems - dry - wet/dry	
Pipe	Stainless steel 1.4521		Stainless steel 1.4521	
Nominal diameter	DN20	22.0 x 1.2 mm	DN80	88.9 x 2.0 mm
	DN25	28.0 x 1.2 mm		
	DN32	35.0 x 1.5 mm		
	DN40	42.0 x 1.5 mm		
	DN50	54.0 x 1.5 mm		
	DN65	76.1 x 2.0 mm		
Press connectors	Stainless steel		Gunmetal	
Sealing element	Dry systems: FKM Wet/dry systems: FKM		Dry systems: EPDM Wet/dry systems: EPDM	
Pressure range	1.6 MPa		1.6 MPa	
Certificate	VdS: G 4070017 		VdS: G 426013* 	
Note	Replacement of seals with FKM; for dimension DN80 (88.9 mm), use Sanpress XL		for dimensions < DN80 (88.9 mm), use Sanpress Inox; for details, see the instructions for use for Sanpress XL	

* VdS certification applies only for components bearing the VdS marking (available from October 2026)

“Wet” extinguishing water systems in accordance with DIN 14462

For wet extinguishing water systems in accordance with DIN 14462:2023-07, the use of Sanpress Inox, Sanpress, Profipress, Megapress and Megapress S is permitted, the recommended solution is Sanpress Inox in combination with the 1.4521 stainless steel pipe.

	SANPRESS INOX		SANPRESS		PROFIPRESS		MEGAPRESS / MEGAPRESS S	
Area of application	only wet extinguishing water systems		only wet extinguishing water systems		only wet extinguishing water systems		only wet extinguishing water systems	
Pipe	Stainless steel 1.4401 or 1.4521		Stainless steel 1.4401 or 1.4521		Copper in accordance with DIN EN 1057		Galvanised steel in accordance with DIN EN 10255, galvanising in accordance with DIN EN 10240	
Nominal diameter	–	–	–	–	DN10	12.0 x 1.0 mm	DN10	¾
	–	–	–	–	DN12	15.0 x 1.0 mm	–	–
	DN15	18.0 x 1.2 mm	DN15	18.0 x 1.2 mm	DN15	18.0 x 1.0 mm	DN15	½
	DN20	22.0 x 1.2 mm	DN20	22.0 x 1.2 mm	DN20	22.0 x 1.0 mm	DN20	¾
	DN25	28.0 x 1.2 mm	DN25	28.0 x 1.2 mm	DN25	28.0 x 1.5 mm	DN25	1
	DN32	35.0 x 1.5 mm	DN32	35.0 x 1.5 mm	DN32	35.0 x 1.5 mm	DN32	1 ¼
	DN40	42.0 x 1.5 mm	DN40	42.0 x 1.5 mm	DN40	42.0 x 1.5 mm	DN40	1 ½
	DN50	54.0 x 1.5 mm	DN50	54.0 x 1.5 mm	DN50	54.0 x 2.0 mm	DN50	2
		64.0 x 2.0 mm		64.0 x 2.0 mm		64.0 x 2.0 mm		
	DN65	76.1 x 2.0 mm	DN65	76.1 x 2.0 mm	DN65	76.1 x 2.0 mm	DN65	2 ½
	DN80	88.9 x 2.0 mm	DN80	88.9 x 2.0 mm	DN80	88.9 x 2.0 mm	DN80	3
	DN100	108.0 x 2.0 mm	DN100	108.0 x 2.0 mm	DN100	108.0 x 2.0 mm	DN100	4
Press connectors	Stainless steel		Gunmetal/silicon bronze		Copper and red brass/silicon bronze		Unalloyed steel	
Sealing element	EPDM		EPDM		EPDM		≤ DN50 EPDM/FKM ≥ DN65 FKM	
Pressure range	1.6 MPa		1.6 MPa		1.6 MPa		1.6 MPa	
Standard, certificate, proof of suitability	DIN 1988-600; DVGW Certificate		DIN 1988-600; DVGW Certificate		DIN 1988-600; DVGW Certificate		MPA Test Report No. 122000810-PB; Mechanical testing in accord- ance with DVGW W 534	

VIEGA SYSTEM SOLUTIONS FOR **SPRINKLER SYSTEMS.**

Sprinkler systems are automatic fire-extinguishing systems that prevent a fire from escalating. They are primarily used to protect property and buildings and are subject to the supervision of accredited certification bodies.

Automatic fire-extinguishing systems (sprinkler systems) in accordance with VdS guidelines

For the installation of sprinkler systems, Viega with Sanpress Inox in combination with the stainless steel pipe 1.4521 provides the ideal solution – with VdS approval.

SANPRESS INOX		
Area of application	Sprinkler systems - wet - dry - wet/dry	
Pipe	Stainless steel 1.4521	
Nominal diameter	DN20	22.0 x 1.2 mm
	DN25	28.0 x 1.2 mm
	DN32	35.0 x 1.5 mm
	DN40	42.0 x 1.5 mm
	DN50	54.0 x 1.5 mm
	DN65	76.1 x 2.0 mm
	DN80	88.9 x 2.0 mm
	DN100	108.0 x 2.0 mm
Press connectors	Stainless steel	
Sealing element	Wet systems: EPDM Dry systems: FKM Wet/dry systems: FKM	
Pressure range	≤ DN65: 1.6 MPa DN80 and DN100: 1.25 MPa	
Certificate	VdS: G 4070017 	
Fire hazard classes in accordance with VdS CEA 4001	LH, OH1–OH3, OH4 restricted to exhibition halls, cinemas, theatres and concert halls	
Note	Not approved for dimension 64.0 mm	

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Compliance documentation and records
relating to Viega extinguishing water and
sprinkler systems:

viega.com/Extinguishing-Water-and-Sprinkler-Solutions