



**CERT**

# DVGW type examination certificate

## DVGW-Baumusterprüfzertifikat

**DG-4550BL0160**

Registration Number  
Registriernummer

<b>Field of Application</b> <i>Anwendungsbereich</i>	products of gas supply <i>Produkte der Gasversorgung</i>
<b>Owner of Certificate</b> <i>Zertifikatinhaber</i>	Aalberts integrated piping systems B.V. Oude Amersfoortseweg 99, NL-1212 AA Hilversum
<b>Distributor</b> <i>Vertreiber</i>	Aalberts integrated piping systems B.V. Oude Amersfoortseweg 99, NL-1212 AA Hilversum
<b>Product Category</b> <i>Produktart</i>	Installation systems and system joints (PN 10): Compression joint for metallic gas pipes (8531)
<b>Product description</b> <i>Produktbezeichnung</i>	Compression joint for metallic gas pipes
<b>Model</b> <i>Modell</i>	VSH XPress Kupfer Gas
<b>Test reports</b> <i>Prüfberichte</i>	Laboratory control test: 1220-700783-23-02-IB from 04.12.2023 (KIW) Laboratory control test: 1220-700783-23-02-PB from 04.12.2023 (KIW) Type testing: LC 23686 from 24.06.2024 (KIW)
<b>Test basis</b> <i>Prüfgrundlagen</i>	DVGW G 5614 (01.12.2013) DVGW G 5614-B1 (01.06.2016)

**Date of Expiry / File No.** 05.05.2029 / 23-0291-GNV  
*Ablaufdatum / Aktenzeichen*



30.09.2024 Bd A-1/2

*IA. O. Z.*

Date, Issued by, Sheet, Head of Certification Body  
*Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle*



Deutsche  
Akkreditierungsstelle  
D-ZE-16028-01-00

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<b>Gas Category</b> <i>Gasart</i>	<b>Remarks</b> <i>Bemerkungen</i>
Fuel gases acc. to G 260 excl. 5. family	

<b>Type</b> <i>Typ</i>	<b>Technical Data</b> <i>Technische Daten</i>	<b>Remarks</b> <i>Bemerkungen</i>
VSH XPress Kupfer Gas	Nominal pressure rating: PN 5/GT1 Nominal diameter: DN 15	
VSH XPress Kupfer Gas	Nominal pressure rating: PN 5/GT1 Nominal diameter: DN 18	
VSH XPress Kupfer Gas	Nominal pressure rating: PN 5/GT1 Nominal diameter: DN 22	
VSH XPress Kupfer Gas	Nominal pressure rating: PN 5/GT1 Nominal diameter: DN 28	
VSH XPress Kupfer Gas	Nominal pressure rating: PN 5/GT1 Nominal diameter: DN 35	
VSH XPress Kupfer Gas	Nominal pressure rating: PN 5/GT1 Nominal diameter: DN 42	
VSH XPress Kupfer Gas	Nominal pressure rating: PN 5/GT1 Nominal diameter: DN 54	

### certified Components

#### *zertifizierte Bauteile / Werkstoffe*

<b>Registr. No.</b> <i>Registrier-Nr.</i>	<b>Component</b> <i>Bauteil (Produktart)</i>	<b>Model/Type</b> <i>Modell/Typ</i>	<b>Manufacturer</b> <i>Hersteller</i>
NG-5112BQ0329	Elastomer material for seals in gas appliances	TH5/03/1/TH5/03/1	Superior Seals Ltd.
NG-5113BR0054	Elastomer material for seals in gas supply mains and pipelines	TH5/03/1/TH5/03/1	Superior Seals Ltd.

### Hints of Utilization / Remarks

#### *Verwendungshinweise / Bemerkungen*

This certification are present pressing tools of the certificate holder.

The certificate holder carries guarantee out on the certified characteristics of the press connections on use of these pressing tools.

Permitted range of temperature: -20...+70 °C

Tube kind: copper-tube according to DVGW Arbeitsblatt GW 392

Nominal pressure rating: PN 5/GT 1

GT 1: The requirements of the higher thermal resistance (HTB) are fulfilled to nominal pressure rating PN 1.

Variations:

Elbow 90°, female/female and female/male da: 15, 18, 22, 28, 35, 42, 54 mm

Bend 45°, female/female and female/male da: 15, 18, 22, 28, 35, 42, 54 mm

T-piece, equal outlet da: 15, 18, 22, 28, 35, 42, 54 mm

T-piece, reduced outlet da: 18/15, 22/15, 22/18, 28/15, 28/18, 28/22, 35/22, 35/28, 42/28, 42/35, 54 / 35, 54/42, 22/15/15, 22/22/15 mm

Transition-piece, external thread/compression end da: 15, 18, 22, 28, 35, 42, 54 mm; external thread R ... EN 10226-1

Transition-piece, internal thread/compression end da: 15, 18, 22, 28, 35, 42, 54 mm; internal thread Rp ... EN 10226-1

(sliding) Socket da: 15, 18, 22, 28, 35, 42, 54 mm

Reducing piece/socket da: 18/15, 22/15, 22/18, 28/15, 28/18, 28/22, 35/22, 35 / 28, 42/22, 42/28, 42/35, 54/35, 54/42 mm

Overbend, female/female and female/male da: 15, 18, 22 mm

Screw connection da: 15, 18, 22, 28, 35, 42, 54 mm; conical sealing according to DIN 3436 (E)

Half screw connection da: 15, 22, 28, 35, 42, 54 mm; conical sealing according to DIN 3436 (E)

Closing cap for da: 15, 18, 22, 28, 35, 42, 54 mm

Elbow 90° internal thread/PE da: 15, 18, 22, 28, 35, 42, 54 mm with internal thread Rp ... EN 10226-1

Elbow 90° external thread/PE da: 15, 18, 22, 28, 35, 42, 54 mm with external thread Rp ... EN 10226-1

T-piece IG da: 15, 18, 22, 28, 35, 42, 54 mm with internal thread Rp ... EN 10226-1

Wall plate da: 15, 18, 22 mm with internal thread Rp ... EN 10226-1

suitable for copper pipes in hardness R220/ R250/ R 290