

## Viega GmbH & Co. KG

PRODUCT APPRAISAL REPORT 1811 Issue 2

Geopress K Plastics Fittings for PE Pipe

AS/NZS 4129:2020 Fittings for polyethylene (PE) pipes for pressure applications

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## **Document History**

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## **Peer Reviewers**

Name/Title	Organisation	Date
Product Appraisal Technical Advisory Group	WSAA	20 August 2019
WSAA Expert Panel	WSAA	20 August 2019
Peter Pittard, WSAA Consultant	WSAA	30 July 2019
Carl Radford, Product Appraisal Manager	WSAA	21 August 2019
Peter Pittard, WSAA Consultant	WSAA	29 August 2023
Carl Radford, Product Appraisal Manager	WSAA	31 August 2023

### Overview of WSAA

The Water Services Association of Australia (WSAA) is the peak industry body representing the urban water industry. Our members provide water and sewerage services to over 20 million customers in Australia and New Zealand and many of Australia's largest industrial and commercial enterprises.

Based around our vision of 'customer driven, enriching life', WSAA facilitates collaboration, knowledge sharing, networking and cooperation within the urban water industry. We are proud of the collegiate attitude of our members which has led to industry-wide approaches to national water issues.

WSAA can demonstrate success in the standardisation of industry performance monitoring and benchmarking, as well as many research outcomes of national significance. The WSAA Executive retains strong links with policy makers and legislative bodies and their influencers, to monitor emerging issues of importance to the urban water industry.

WSAA was formed in 1995 as a non-profit organisation to foster the exchange of information between industry, government and the community, and to promote sustainable water resource management.

The urban water industry is committed to anchoring its services to customers' values, and to enrich communities where water services have broad economic, environmental and social values. In line with this our main activities focus on four areas:

- 1. influencing national and state policies on the provision of urban water services and sustainable water resource management
- 2. promoting debate on environmentally sustainable development and management of water resources and the community health requirements of public water supplies
- 3. improving industry performance and establishing benchmarks and industry leading practices for water service processes; and
- 4. fostering the exchange of information on education, training, research, water and wastewater management and treatment and other matters of common interest.

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## 1 EXECUTIVE SUMMARY

Viega GmbH & Co KG is a family-owned company with its origins dating back to 1899 in Germany and is one of the world's leading companies providing drinking water management systems in buildings. The company manufactures and supplies products for a wide range of sectors including building construction, industrial plant construction, shipbuilding and water and gas utilities.

Viega Pty Ltd, located in Macquarie Park NSW, is the Australian based sales and distribution arm of the Company.

This appraisal is for a range of Geopress K plastics fittings and tapping valves for use with PN16 PE100 pipe manufactured to AS/NZS 4129:2020 Fittings for polyethylene (PE) pipes for pressure.

This issue 2 is to advise of some minor design changes to the Geopress K joint to include an EPDM seal and a change of colour of the clamping ring. Quality certifications have also been updated.

The fittings range consists of tees, elbows, and couplings in sizes DN 25, DN 32, DN 40, DN 50 and DN 63 and under pressure tapping valves in sizes DN 63, DN 90, DN 110, DN 125, DN 140, DN 160, DN 180, DN 200and DN 225. The under pressure tapping valves consist of a tapping band with an integral valve.

The fittings within the range all utilise a unique Geopress K press jointing system for leak tight connection to PE pipe without the need to rely on elastomers. The pipe is pressed on to the support sleeve of the connection joint with a battery-operated press gun to provide internal sealing and a high tensile connection. Only SDR 11 PN16 PE100 pipes are suitable for this jointing system.

Viega GmbH & Co KG has a quality management system complying with ISO 9001:2015.

The fittings and tapping tees have ISO Type 5 StandardsMark Product Certification to AS/NZS 4129:2020 Fittings for polyethylene (PE) pipes for pressure.

This Appraisal has determined that Viega Geopress K plastics fittings for use with PE100 pipe, as detailed in Section 3, comply with the requirements of WSA PS 208 – Plastics Fittings for Pressure Applications with PE Pipe – Drinking Water, Non-Drinking Water Supply and Sewerage and WSA PS 327 Tapping Bands, Mechanical, for use with Polyethylene (PE) Mains for Pressure Applications – Drinking Water and Non-Drinking Water Supply and are considered as 'fit for purpose'.

### 1.1 Recommendations

It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise the Viega range of plastics fittings and tapping valves, as detailed in this report, for use with PE100 water supply and sewerage pipelines, provided they are installed in accordance with WSAA Codes and the manufacturer's requirements.

## 2 THE APPLICANT

The applicant is Viega GmbH & Co KG.

## 2.1 The Supplier

Viega Pty Ltd, located in Macquarie Park NSW, is the Australian based sales and distribution arm of the Company.

## 2.2 The Manufacturer

Viega GmbH & Co KG is a family-owned company with its origins dating back to 1899 in Germany and is now an international market leader in the installation technology sector with

almost 5000 employees in 10 locations throughout the world. The company manufactures and supplies products for a wide range of sectors including building construction, industrial plant construction, shipbuilding and water and gas utilities.

More information is available at the following link: www.viega.com/en/homepage.html

## 3 THE PRODUCT

The Viega range of Geopress K plastics fittings and tapping valves for use with PN16 PE100 pipe consists of tees, elbows, couplings and under pressure tapping valves as summarised in Table 1. Further details are included in Appendix A.

TABLE 1 GEOPRESS K PE FITTINGS RANGE

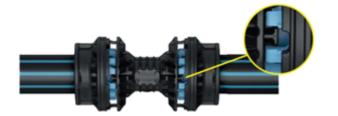
DN	Elbow 90 & 45	Equal Tee	Coupling	Adaptors	Tapping Valve
25	✓	✓	✓	✓	
32	✓	<b>✓</b>	✓	✓	
40	✓	✓	<b>✓</b>	✓	
50	✓	✓	✓	✓	
63	✓	<b>√</b>	✓	✓	✓
90					✓
110					✓
125					✓
140					<b>✓</b>
160					✓
180					✓
200					✓
225					<b>-</b> ✓

The fittings within the range all utilise a unique press jointing system for leak tight connection to the PE pipe without the need to rely on elastomers. The pipe is pressed on to the support sleeve of the joint with a battery-operated press gun to provide internal sealing and a high tensile connection. Only SDR 11 PN16 PE100 pipes are suitable for this jointing system.



**FIGURE 1 PRESS JOINT** 

The Geopress K fittings are equipped with a window on the joint to enable verification of the insertion depth of the PE pipe. After pressing, the window is closed and the green clamping ring on the outside of the pipe becomes visible, indicating that the joint was correctly pressed.





### FIGURE 2 GEOPRESS K JOINT DETAILS

The fittings are moulded from Polyamide 12 GF50.

The design of the Geopress K joint design has recently been amended to incorporate an EPDM internal sealing element. The seal has been incorporated into the design to provide capability of the fitting to be used with hydrogen in gas applications. Whilst the EPDM seal is essentially redundant for water applications the moulded components are common for both gas and water versions. Nevertheless, the seal does provide an additional level of safety for use with water.

A change in colour of the clamping ring from lime green to blue has also been incorporated into the fittings for better identification. The range of fittings for gas applications will incorporate a yellow clamping ring.

The joints are also equipped with a Smart Connect Feature. The Smart Connect Feature is a safety technology that ensures that the press connector is guaranteed to be leaky in an unpressed state. In this way, inadvertently unpressed connections are noticed immediately when filling the system.



FIGURE 3 SMART CONNECT FEATURE

The under pressure tapping valves consist of a tapping band with an integral valve and inbuilt cutter that allows for under pressure tapping and also provides a subsequent shut off facility for the house service connection. The outlet connection accommodates Geopress K connecting pieces that allow for PE service lines to be fitted utilising the press jointing method.



FIGURE 4 GEOPRESS K TAPPING VALVE

## 4 SCOPE OF THE APPRAISAL

This appraisal includes a range of plastics fittings and tapping valves for use with PE pipes as detailed in Section 3.

### 5 APPRAISAL CRITERIA

## 5.1 Quality Assurance Requirements

The WSAA Product Appraisal Technical Advisory Group accepts plastics fittings and tapping bands for use with PE mains manufactured in compliance with AS/NZS 4129:2020 Fittings for polyethylene (PE) pipes for pressure applications and duly certified by means of an ISO Type 5 product certification scheme undertaken by a JAS-ANZ accredited Conformity Assessment Body (CAB) or by an international accreditation system recognised by JAS-ANZ.

The manufacturer is generally expected to have a production management and control system that has been duly accredited in accordance with AS/NZS ISO 9001 as a prerequisite to undergoing a product certification audit.

The ISO Type 5 Product Certification Scheme shall meet the criteria described in WSA TN-08.

## 5.2 Performance Requirements

Viega Geopress K plastics fittings and tapping valves have been appraised for compliance with AS/NZS 4129.

Appraisal criteria are also determined by the WSAA Product Appraisal Technical Advisory Group and regularly reviewed to ensure that the criteria reflect the requirements of WSAA members.

The following Product Specifications are also relevant to this application:

WSA PS 208 – Plastics Fittings for Pressure Applications with PE Pipe – Drinking Water, Non-Drinking Water Supply.

WSA PS 327 Tapping Bands, Mechanical, for use with Polyethylene (PE) Mains for Pressure Applications – Drinking Water and Non-Drinking Water Supply.

A copy of the Product Specifications is available at the following link: https://www.wsaa.asn.au/shop/product/60961

## 6 COMPLIANCE WITH APPRAISAL CRITERIA

## 6.1 Compliance with Quality Assurance Requirements

Viega has submitted the following quality certificates:

- ISO 9001:2015 Certificate of Registration No. 535734 QM15 issued to Viega Holding GmbH & Co KG by DQS GmbH.
- AS/NZS 4129:2020 ISO Type 5 StandardsMark Product Certification Licence No. SMK26451 issued to Viega GmbH & Co KG by SAI Global.

Copies of the Quality Assurance and Product Certification licences have been included in Appendix B and are also available from WSAA.

## 6.2 Compliance with Performance Requirements

## 6.2.1 Materials

The fittings and tapping bands are moulded from Polyamide 12 GF50. A test report has been submitted for testing to ISO 9080 that has determined 97.5% LPL of 21.07MPa for the material. This complies with the requirements of ISO 17885 that nominates an MRS of 20 MPa for PA12 GF50.

The copper alloy components are manufactured from lead-free silicon brasses. CC246E is utilised in the adaptors and Ecobrass (C69300) is utilised for the tapping valve components. Material test reports have been submitted to demonstrate compliance with the specifications and also dezincification resistance test reports for the C69300 material. DZR testing is not required for CC246E material as the zinc content is less than 15%.

Both copper alloys meet the lead-free requirements of NSF/ANSI 372.

## 6.2.2 Performance testing

Test reports completed by MPA NRW (DAkks Accreditation No. D-PL-11142-01-01) have been submitted to demonstrate compliance of the redesigned Geopress K fittings to the performance requirements of AS/NZS 4129:2020. These tests include a body fitting test and tests on assembled joints to demonstrate compliance to leak-tightness under internal pressure for both short term and long term, leak-tightness under negative pressure, leak-tightness under internal pressure when the joint is subjected to bending and resistance to pull out.

Test reports conducted by Prove Standards & Engineering Pty Ltd have been submitted to demonstrate compliance of the Geopress K tapping valves to the requirements of AS/NZS 4129:2020. The report includes tests on assembled saddles to demonstrate compliance to leak-tightness under internal pressure for both short term and long term at nominated various pressures and temperatures, leak-tightness under negative pressure, resistance to pressure during application of a bending moment to the branch, resistance to rotational sliding on the pipe and resistance to axial sliding on the pipe.

Test reports completed by Prove Standards & Engineering Pty Ltd have also been submitted to demonstrate compliance of the valve component of the tapping valve to the performance requirements of WMTS 012 *In-line valves for use in plumbing water supply systems*. These tests include a torque test and hydraulic strength test.

## 6.2.3 Effect on water

AS/NZS 4129 requires compliance with AS/NZS 4020.

Viega has submitted copies of the following reports:

- Geopress K Coupling: Eurofins ams AS/NZS 4020:2005 Report No.1812235 dated 2<sup>nd</sup> August 2018. Revised testing is currently in progress.
- Geopress K Tapping Valve: Eurofins ams AS/NZS 4020:2005 Report No 1814867 dated 22<sup>nd</sup> August 2018. Revised testing is currently in progress.
- EPDM O-ring: Eurofins ams AS/NZS 4020:2018 Amd 1 Report No. AAN40097 dated 19<sup>th</sup> January 2021 to assess NDMA resistance for organic materials.

## 7 FITTING INSTRUCTIONS, TRAINING AND INSTALLATION

A comprehensive range of catalogues including Instructions for Use manuals are available from Viega or WSAA.

## 8 PRODUCT MARKING

Viega fittings and packaging are marked in accordance with the requirements of AS/NZS 4129 as per the following:

Manufacturer's Name: Viega

· Batch Code: Traceability bar code on each product

Nominal Size: e.g., d25
Classification: PN 16
Material: PA12 GF50

• The standard number: AS/NZS 4129

Standards Mark symbol – I>>>>I)

Licence Number: SMK26451

### 9 PACKAGING AND TRANSPORTATION

The fittings are packed into plastic bags and cardboard boxes.

## 10 PRODUCT WARRANTY

The products are covered by the normal commercial and legal requirements of the Competition and Consumer Act 2010 (Cth), which covers manufacture to the relevant standard, and details of Viega's warranty is included in their terms and conditions of sale.

## 11 WATER AGENCY EXPERIENCE WITH THE PRODUCT OR FIELD TESTING REPORT

A successful installation demonstration of a DN 200 tapping valve was conducted in conjunction with Sydney Water in June 2019.

## 12 OUTCOMES OF EXPERT PANEL PRODUCT REVIEW

There are no outstanding issues.

### 13 FUTURE WORKS

No future work has been identified.

## 14 DISCLAIMER

This Product Appraisal Report (Report) is issued by the Water Services Association of Australia Limited on the understanding that:

This Report applies to the product(s) as submitted. Any changes to the product(s) either minor or major shall void this Report.

To maintain the recommendations of this Report any such changes shall be detailed and notified to the Product Appraisal Manager for consideration and review of the Report and appropriate action. Appraisals and their recommendations will be the subject of continuous review dependent upon the satisfactory performance of products.

WSAA reserves the right to undertake random audits of product manufacture and installation. Where products fail to maintain appraised performance requirements the appraisal and its recommendations may be modified and reissued. Appraisal reports will be reviewed and reissued at regular intervals not exceeding five (5) years.

The following information explains a number of very important limits on your ability to rely on the information in this Report. Please read it carefully and take it into account when considering the contents of this Report.

Any enquiries regarding this report should be directed to the Program Manager, Carl Radford, Phone: 03 8605 7601 email carl.radford@wsaa.asn.au.

## 14.1 Issue of Report

This Report has been published and/or prepared by the Water Services Association of Australia Limited and nominated Project Manager and peer group of technical specialists (the Publishers).

The Report has been prepared for use within Australia only by technical specialists that have expertise in the function of products such as those appraised in the Report (the Recipients).

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Recipients should also independently verify and assess the appropriateness of any recommendation in the Report, especially given that any recommendation will not take into account a Recipient's particular needs or circumstances.

WSAA has not evaluated the extent of the product liability and professional indemnify insurance that the provider of the product maintains. Recipients should ensure that they evaluate the allocation of liability for product defects and any professional advice obtained

in relation to the product or its specification including the requirements for product liability and professional indemnity insurance.

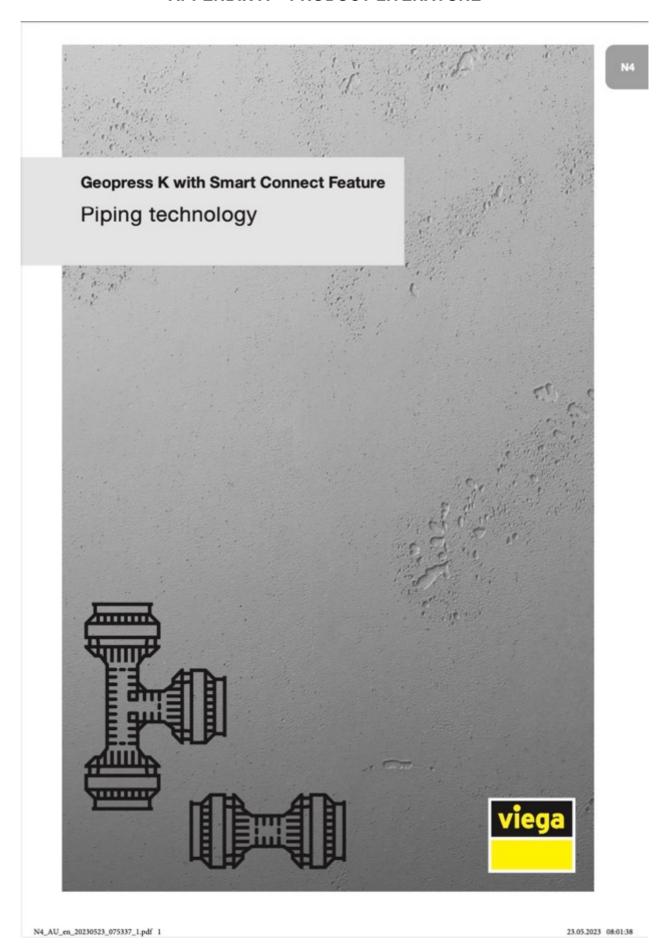
## 14.3 No Updating

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## 14.4 No Warranty

The Publisher(s) do[es] not, in any way, warrant that steps have been taken to verify or audit the accuracy or completeness of the information in this Report, or the accuracy, completeness or reasonableness of any recommendation in this Report.

## **APPENDIX A - PRODUCT LITERATURE**





## **ELBOWS**



## Geopress K elbow 90° with Smart Connect Feature - Plastic

- Press connectors Components O-ring EPDM Model 9716TW

d	PU	Article	
25	1	821 982	
32	1	821 999	
40	1	822 002	
50	1	822 019	
63	1	822 026	



## Geopress K elbow 45° with Smart Connect Feature

- Plastic Press connectors
- Components O-ring EPDM Model 9726TW

d	PU	Article	
32	1	822 842	
40	1	822 859	
50	1	822 866	
63	1	822 873	

### T-PIECES



## Geopress K T-piece - Plastic

- Press connectors
- Components O-ring EPDM Model 9718TW

d1	d2	d3	PU	Article	
25	25	25	1	822 682	
32	32	32	1	822 699	
40	40	40	1	822 705	
50	50	50	1	822 712	
63	63	63	1	822 729	

## ADAPTER PIECES/ADAPTER ELBOWS



### Geopress K adapter with Smart Connect Feature

- Plastic
- Silicon bronze threaded connection
- Press connection, R-thread Components O-ring EPDM, polygon Model 9711TW

d	R	PU	Article	
25	34	1	821 579	
32	1	1	821 586	
32	11/2	1	821 593	
40	1	1	821 609	
40	11/4	1	821 623	
40	11/2	1	821 616	
50	11/2	1	821 630	
63	2	1	821 647	



### Geopress K adapter with Smart Connect Feature

- Plastic
- Silicon bronze threaded connection
- Press connection, Rp-threads Components O-ring EPDM, polygon Model 9712TW

d	Rp	PU	Article
25	%	1	822 170
32	1	1	822 163
40	11/4	1	822 187
50	11/2	1	822 194
63	2	1	822 200



## Geopress K adapter coupling

- with Smart Connect Feature
   for PE-pipe to non-dimensionally stable old PE-pipe, water use
- Plastic
- bronze screw fitting
- Press connection

Components O-ring EPDM, polygon Model 9713.4TW

d1	d2	PU	Article	
32	32	1	822 217	
40	40	1	822 224	
50	50	1	822 231	
63	63	1	822 248	





## Geopress K with Smart Connect Feature N4



### Geopress K adapter elbow 90° with Smart Connect Feature

- Plastic
- Silicon bronze threaded connection
- Press connection, R-thread

Components O-ring EPDM, polygon Model 9714TW

d	R	PU	Article	
25	34	1	822 255	
32	1	1	822 262	
32	11/2	1	822 279	
40	1	1	822 286	
40	11/4	1	822 293	
40	11/2	1	822 309	
50	11/2	1	822 316	
63	2	1	822 323	



### Geopress K adapter elbow 90° with Smart Connect Feature

- Plastic
- Silicon bronze threaded connection
- Press connection, Rp-threads

Components O-ring EPDM, polygon Model 9714.2TW

d	Rp	PU	Article	
32	1	1	822 378	
40	11/4	1	822 385	
50	11/2	1	822 392	
63	2	1	822 408	



### Geopress K connection elbow with Smart Connect Feature

- Plastic
- Silicon bronze threaded connection
- Press connection, R-thread
- Rotatable through 360°

Components EPDM sealing element, polygon

Note

Only water use! Model 9720.1TW

d	R	PU	Article	
32	11/2	1	822 804	
40	11/2	1	822 811	
50	11/2	1	822 828	
63	116	1	822 835	

## COUPLINGS



## Geopress K coupling

- with Smart Connect Feature - Plastic
- Press connectors
- Components

O-ring EPDM Model 9715TW

· ·	10	AI CICIC	
25	1	821 890	
32	1	821 906	
40	- 1	821 913	
50	1	821 920	
63	1	821 937	



### Geopress K repair coupling with Smart Connect Feature

- Plastic
- Press connectors
- Long insertion depth for PE pipe Components

O-ring EPDM Model 9715.5TW

d	PU	Article	
32	1	821 470	
40	1	821 487	
50	1	821 494	
63	1	821 500	

### REDUCTIONS



### Geopress K reducing coupling with Smart Connect Feature

- Plastic
- Press connectors

Components O-ring EPDM Model 9715.2TW

d1	d2	PU	Article	
32	25	1	822 477	
40	32	1	822 484	
50	32	1	822 491	
50	40	1	822 507	
63	32	1	822 514	
63	40	1	822 521	
62	50	4	922 529	

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### CAPS



### Geopress K cap with Smart Connect Feature

- Plastic

- Press connection Components O-ring EPDM Model 9756TW

d	PU	Article	
25	1	822 071	
32	1	822 088	
40	1	822 095	
50	1	822 101	
63	1	822 118	

## TAPPING VALVES FOR DRINKING WATER



- Geopress tapping valve
   for water application with PE-HD pipe in accordance with DIN 8074/8075 and DIN EN 12201, with PE-X pipe in accordance with DIN 16892/16893
   Polyamide-GF, Silicon bronze
- Outlet for Geopress K/Geopress connection pieces
   With operation shut-off

Components

Integrated milling cutter, EPDM sealing element tested in accordance with DVGW W 336 Model 9690TW

for d	PL	A A	rticle
63	1	77	2 437
90	1	77	2 444
110	1	77	2 451
125	1	77	2 468
140	1	77	2 475
160	1	77	2 482
180	1	77	2 499
200	1	77	2 505



## Geopress K connection piece

- with Smart Connect Feature
   suitable for Geopress tapping valve model 9690TW
- Plastic
- metal adapter Press connection, Viega tapping valve connection

## Components

Double O-ring seal EPDM

Note

Only water use!

Model 9793TW

d	PU	Article	
25	1	823 078	
32	1	823 085	
40	1	823 092	
50	1	823 108	
63	1	823 115	



## Geopress K connection elbow 90° with Smart Connect Feature - suitable for Geopress tapping

- valve model 9690TW
- metal adapter
   Press connection, Viega tapping valve connection
- Components

Double O-ring seal EPDM

Note

Only water use! Model 9794TW

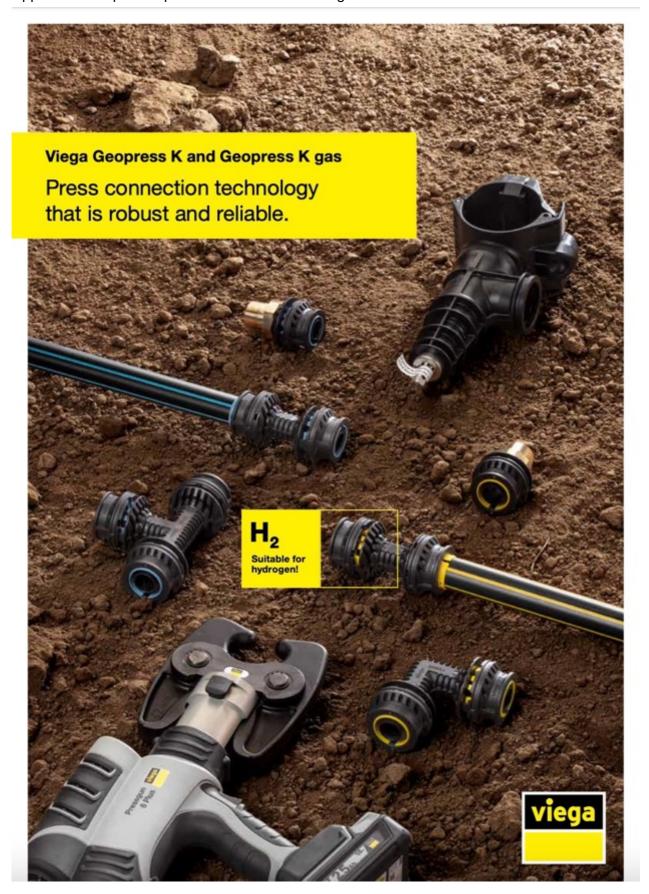
d	PU	Article	
32	1	823 160	
40	1	823 177	
50	1	823 184	
63	1	823 191	

6

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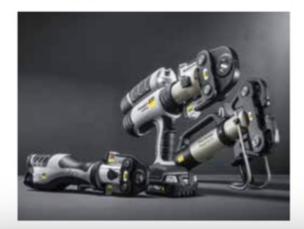
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The Viega product literature is too voluminous to include in this report. Cover pages for the Geopress K Brochure and Instructions for Use for fittings and tapping valves are included in this Appendix. Complete copies are available from Viega or from WSAA.









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Viega Geopress tapping valves: A safe service connection right from the start.

16 Viega Pressguns:

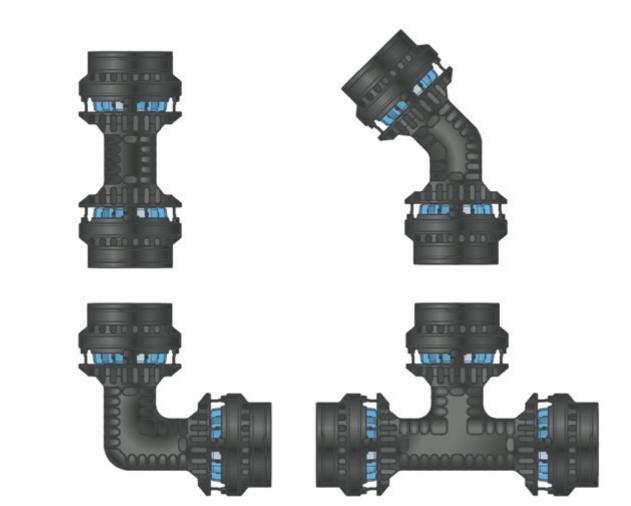
Intelligent Press technology that is setting standards.

17 The product range.

## Instructions for Use

## Geopress K

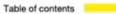




Press connector system made of plastic for underground HDPE pipes

System Geopress K Year built (from) 01/2023







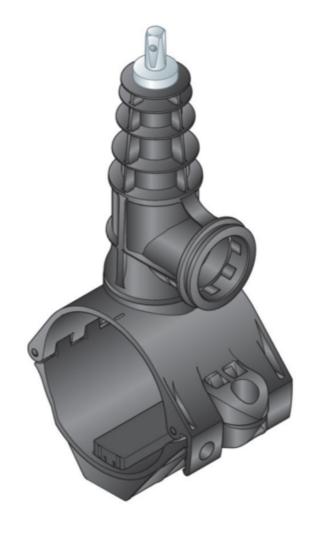
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Geopress K

# Instructions for Use Geopress tapping valve





for water applications

Model 9690TW Year built (from) 01/2018





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## **APPENDIX B - QUALITY CERTIFICATIONS**

Copies of the following Quality Certificates are available from WSAA.

## TABLE B1 VIEGA HOLDING GMBH & CO KG – MANAGEMENT SYSTEMS

Viega Platz 1 57439 Attendorn Germany		
Quality Systems Standard	ISO 9001:2015	
Certification Licence No.	535734 QM15	
Certifying Agency	DQS GmbH	
First Date of Certification	20 December 2017	
Current Date of Certification	20 December 2021	
Expiry Date of Certification	19 December 2023	

## TABLE B2 VIEGA GMBH & CO KG – PRODUCT CERTIFICATION

Viega Platz 1 57428 Attendorn Germany		
Product Standard/Spec.	AS/NZS 4129:2020	
Certificate No.	SMK26451	
Issuing Certification Body	SAI-Global	
First Date of Certification	25 July 2019	
Current Date of Certification	3 August 2023	
Expiry Date of Certification	24 July 2024	









This is to certify that

## Viega Holding GmbH & Co. KG

Viega Platz 1 57439 Attendorn Germany

with the organizational units/sites as listed in the annex

has implemented and maintains a Quality Management System.

Scope:

Development, production and sales of sanitary- and heating systems

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001: 2015

 Certificate registration no.
 535734 QM15

 Date of revision
 2021-12-01

 Valid from
 2020-12-20

 Valid until
 2023-12-19

 Date of certification
 2021-12-01





**DQS GmbH** 

Markus Bleher Managing Director







## Annex to certificate Registration No. 535734 QM15

## Viega Holding GmbH & Co. KG

Viega Platz 1 57439 Attendorn Germany

Location Scope

535361 Viega GmbH & Co KG Bielefelder Straße 94 57368 Lennestadt-Elspe Germany

Development and production of sanitary- and heating systems

535740 Viega Technology GmbH & Co. KG Viega Platz 1 57439 Attendorn Germany

Development of sanitary- and heating systems

532282 Viega GmbH & Co. KG Viega Platz 1 57439 Attendorn Germany

Administration, development and sales of sanitary- and heating systems

535360 Viega GmbH & Co KG Zum Langen Acker 7 57439 Attendorn-Ennest Germany

Production and sales of sanitary- and heating

systems

535363 Viega GmbH & Co KG Bernrieder Straße 12 94559 Niederwinkling

Germany

Production and sales of sanitary- and heating

systems

535362 Viega GmbH & Co KG Viegastraße 1 99518 Großheringen Germany

Production of sanitary- and heating systems



This annex (edition: 2021-12-01) is only valid in connection with the above-mentioned certificate.

2/2



## SAI Global hereby grants:

## Viega GmbH & Co. KG

Viega Platz 1, Attendorn, Germany

### StandardsMark Licence

Manufactured to:

AS/NZS 4129:2020 - Fittings for polyethylene (PE) pipes for pressure applications

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee\* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Licence No: SMK26451

Issued: 3 August 2023 Expires: 24 July 2024 Originally Certified: 25 July 2019 Current Certification: 3 August 2023

Calin Moldovean

President, Business Assurance SAI Global Assurance





<sup>\*</sup> For details of manufacture, refer to the licensee

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited
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(ACN 108 716 669) ("SAI Global") 650 Lorimer Street, , Port Melbourne VIC 3207, GPO Box 5420 Sydney
NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to
www.saiglobal.com, for the list of product models.

## SCHEDULE TO STANDARDSMARK LICENCE

## SAI Global hereby grants:

# Viega GmbH & Co. KG Viega Platz 1, Attendorn, Germany

StandardsMark Licence

Manufactured to:

AS/NZS 4129:2020 - Fittings for polyethylene (PE) pipes for pressure applications

Model identification of the goods on which the STANDARDSMARK may be used:

Model Identification	Model Name	Brand Name	Product Description	Product Type	Product Application	Size Classification	Pressure Classification	Joint Type	Date Endorsed
710067	9715	Viega	Geogress K	Coupling	Water	DN25 (25mm)	PN 16	Mechanical	13 May 202
710064	9715	Viega	Geopress K	Coupling	Water	DN32 (32mm)	PN 16	Mechanical	13 May 202
710071	9715	Viega	Geogress K	Coupling	Water	DN40 (40mm)	PN 16	Mechanical	13 May 20
710088	9715	Viega	Geogress K	Coupling	Water	DN50 (50mm)	PN 16	Mechanical	13 May 20
710101	9715	Viega	Geogress K	Coupling	Water	DN63 (63mm)	PN 16	Mechanical	13 May 20
710118	97155	Viegs	Geopress K	Repair Coupling	Water	DN32 (32mm)	PN 16	Mechanical	13 May 20
710125	97155	Viega	Geogress K	Repair Coupling	Water	DN40 (40mm)	PN 16	Mechanical	13 May 20
710132	97155	Viegs	Geopress K	Repair Coupling	Water	DNS0 (50mm)	PN 16	Mechanical	13 May 20
710149	97155	Viega	Geogress K	Repair Coupling	Water	DN63 (63mm)	PN 16	Mechanical	13 May 20
710156	97152	Viega	Geogress K	Red Coupling	Water	DN32 (32mm x 25mm)	PN 16	Mechanical	13 May 20
710163	97152	Vegs	Geogrees K	Red Coupling	Water	DN40 (40mm x 32mm)	PN 16	Mechanical	13 May 20
710170	97152	Viega	Geopress K	Red Coupling	Water	DN50 (50mm x 32mm)	PN 16	Mechanical	13 May 20
710187	97152	Viega	Geogress K	Red Coupling	Water	DN50 (50mm x 40mm)	PN 16	Mechanical	13 May 20
710194	97152	Vega	Geopress K	Red Coupling	Water	DN63 (63mm x 32mm)	PN 16	Mechanical	13 May 20
710200	97152	Viega	Geogress K	Red Coupling	Water	DN63 (63mm x 40mm)	PN 16	Mechanical	13 May 20
710217	9711	Viegs	Geogress K	Male Adaptor	Water	DN25 (25mm x	PN 16	Mechanical	13 May 20
710224	9711	Vega	Geopress K	Male Adaptor	Water	DN32 (32mm x %")	PN 16	Mechanical	13 May 20
710231	9711	Viega	Geopress K	Male Adaptor	Water	DN32 (32mm x 17)	PN 16	Mechanical	13 May 20
710248	9711	Vega	Geogress K	Male Adaptor	Water	DN32 (32mm x 1%")	PN 16	Mechanical	13 May 20
710255	9711	Vegs	Geopress K	Male Adaptor	Water	DN32 (32mm x 5%*)	PN 16	Mechanical	13 May 20
710262	9711	Viega	Geogress K	Male Adaptor	Water	DN40 (40mm x	PN 16	Mechanical	13 May 20
710279	9711	Viega	Geogrees K	Male Adaptor	Water	DN40 (40mm x 136")	PN 16	Mechanical	13 May 20
710296	9711	Viega	Geopress K	Male Adaptor	Water	DN40 (40mm x 176")	PN 16	Mechanical	13 May 20
710293	9711	Viegs	Geopress K	Male Adaptor	Water	DN50 (50mm x 1")	PN 16	Mechanical	13 May 20
710309	9711	Vega	Geogress K	Male Adaptor	Water	DN50 (50mm x 1%")	PN 16	Mechanical	13 May 20
710316	9711	Viega	Geopress K	Male Adaptor	Water	DN50 (50mm x	PN 16	Mechanical	13 May 20
710323	9711	Viega	Geopress K	Male Adaptor	Water	DN63 (63mm x 1%")	PN 96	Mechanical	13 May 20

Licence No: SMK26451 Issued Date: 3 August 2023

This schedule supersedes all previously issued schedules



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<sup>\*</sup> For details of manufacture, refer to the licensee

the Schedule for the list of product models.

## SCHEDULE TO

## STANDARDSMARK LICENCE

Model Identification	Model Name	Brand Name	Product Description	Product Type	Product Application	Size Classification	Pressure Classification	Joint Type	Date Endorsed
710330	9711	Viega	Geopress K	Male Adaptor	Water	DN63 (63mm x	PN 16	Mechanical	13 May 202
710347	9712	Vega	Geopress K	Female	Water	DN25 (25mm x	PN 16	Mechanical	13 May 202
710354	9712	Vegs	Geopress K	Adaptor Female	Water	50°) DNS2 (32mm x	PN 16	Mechanical	13 May 202
710361	9712	Viega	Geopress K	Adaptor Female	Water	5") DN40 (40mm x	PN 16	Mechanical	13 May 202
710376	9712	Viega	Geopress K	Adaptor Female	Water	116" ) DNS0 (50mm x	PN 16	Mechanical	13 May 202
710385	9712	Viega	Geopress K	Adaptor Ferrole	Water	116" ) DNS0 (50mm x	PN 16	Mechanical	13 May 202
710302	9712	Viega	Geopress K	Adaptor Female	Water	T16" ) DN63 ( 63mm x	PN 16	Mechanical	13 May 202
710507	67952	Viega	Geopress K	Adaptor Red Coupling	Water	20 DNG (63mm X	PN 16	Mechanical	13 May 200
710606	9756		Geogress K	End Cap	Water	50mm) DND5 (25mm)	PN 16	Mechanical	13 May 200
		Viega						100	7
710705	9756	Vegs	Geopress K	End Cap	Water	DN32 (32mm)	PN 16	Mechanical	13 May 202
710712	9756	Viegs	Geopress K	End Cap	Water	DN40 (40mm)	PN 16	Mechanical	13 May 200
710729	9756	Viega	Geopress K	End Cap	Water	DNS0 (50mm)	PN 16	Mechanical	13 May 200
710736	9756	Viegs	Geopress K	End Cap	Water	DN63 (63mm)	PN 16	Mechanical	13 May 200
710673	9716	Viega	Geopress K	Elbow 90	Water	DN25 (25mm)	PN 16	Mechanical	13 May 202
710880	9716	Viegs	Geopress K	Elbow 90	Water	DN32 (32mm)	PN 16	Mechanical	13 May 200
710897	9716	Viega	Geopress K	Elbow 90	Water	DN40 (40mm)	PN 16	Mechanical	13 May 202
710903	9716	Viega	Geopress K	Elbow 90	Water	DNS0 (50mm)	PN 16	Mechanical	13 May 202
710910	9716	Viega	Geopress K	Ellow 90	Water	DN63 (63mm)	PN 16	Mechanical	13 May 202
710927	9714	Viega	Geopress K	Male Elbow	Water	DN25 ( 25mm x	PN 16	Mechanical	13 May 200
710934	9754	Viega	Geopress K	90 Male Elbow	Water	50") DNS2 (30mm x	PN 16	Mechanical	13 May 203
710941	9714	Viega	Geopress K	Male Elbow	Water	DN32 (32mm x	PN 16	Mechanical	13 May 202
710958	9714	Viega	Geopress K	90 Male Elbow	Water	1") DNS2 ( 32mm x	PN 16	Mechanical	13 May 200
710965	9714	Viega	Geopress K	90 Male Elbow	Water	716" ) DN40 ( 40mm x	PN 16	Mechanical	13 May 202
710972	9714	Vega	Geopress K	90 Male Elbow	Water	1") DN40 (40mm x	PN 16	Mechanical	13 May 200
710989	9714	Vega	Geopress K	90 Male Elbow	Water	11/2" ) DMMO ( 40mm x	PN 16	Mechanical	13 May 200
710996	9714	Viega	Geopress K	90 Male Elbow	Water	116" ) DN60 (50mm x	PN 16	Mechanical	13 May 202
711009	9714	Vega	Geopress K	90 Male Elbow	Water	1") DNS0 (50mm x	PN 16	Mechanical	13 May 200
				90 Male Elbow		136" )			
711016	9714	Viega	Geopress K	90	Water	DN60 ( 90mm x 136" )	PN 16	Mechanical	13 May 202
711023	9714	Viega	Geopress K	Male Elbow 90	Water	DN63 (63mm x 136")	PN 16	Mechanical	13 May 200
711030	9754	Viega	Geopress K	90 Male Elbow 90	Water	DN63 (63mm x 27)	PN 16	Mechanical	13 May 200
711047	97142	Viega	Geopress K	Female Elbow 90	Water	DN32 (32mm x	PN 16	Mechanical	13 May 202
711054	97142	Vegs	Geopress K	Female	Water	DN40 (40mm x	PN 16	Mechanical	13 May 202
711061	97142	Viega	Geopress K	Eltow 90 Female	Water	DN40 ( 40mm x	PN 16	Mechanical	13 May 200
711076	97142	Vega	Geopress K	Ebow 90 Female	Water	116" ) DNS0 (50mm x	PN 16	Mechanical	13 May 202
711085	97142	Viega	Geopress K	Elbow 90 Female	Water	1)6" ) DN63 ( 63mm x	PN 16	Mechanical	13 May 200
711092	9726	Viega	Geopress K	Ebow 90 Ebow 45	Water	2") DN32 (32mm)	PN 16	Mechanical	13 May 200
711108	9726	Viega	Geopress K	Elbow 45	Water	DN40 (40mm)	PN 16	Mechanical	13 May 200
711115	9726	Vegs	Geopress K	Ebow 45	Water	DN50 (50mm)	PN 16	Mechanical	13 May 200
71110	9726	Vegs	Geopress K	Eltow 45	Water	DN63 (63mm)	PN 16	Mechanical	13 May 200
711122	97262	Vegs	Geopress K	Male Elbow	Water	DNS2 (30mm x	PN 16	Mechanical	13 May 200
711166	97262	-		45		17)	PN 16	Mechanical	
		Viega	Geopress K	Male Elbow 45	Water	DN40 (40mm x 1%")	7.11.10	7000	13 May 200
711153	97262	Viega	Geopress K	Male Elbow 45	Water	DNS0 (50mm x 136" )	PN 16	Mechanical	13 May 200

Licence No: SMK26451 Issued Date: 3 August 2023

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## **SCHEDULE TO** STANDARDSMARK LICENCE

Model Identification	Model Name	Brand Name	Product Description	Product Type	Product Application	Size Classification	Pressure Classification	Joint Type	Date Endorsed
711269	9718	Vega	Geopress K	Tee Equal	Water	DN25 (25mm)	PN 16	Mechanical	13 May 202
711276	9718	Viega	Geogress K	Tee Equal	Water	DN32 (32mm)	PN 16	Mechanical	13 May 202
711283	9718	Viega	Geogress K	Tee Equal	Water	DN40 (40mm)	PN 16	Mechanical	13 May 202
711290	9718	Viega	Geopress K	Tee Equal	Water	DNS0 (50mm)	PN 96	Mechanical	13 May 202
711306	9718	Viega	Geopress K	Tee Equal	Water	DN63 (63mm)	PN 16	Mechanical	13 May 202
711313	97171	Viegn	Geogress K	Male Toe	Water	DNS2 ( 32mm x	PN 16	Mechanical	13 May 202
711320	97171	Vegs	Geopress K	Male Tee	Water	50°) DN40 (40mm x	PN 16	Mechanical	13 May 202
711337	97171	Viega	Geogress K	Male Too	Water	100° ) DN60 (50mm x	PN 16	Mechanical	13 May 202
711344	97171	Viega	Geogress K	Male Too	Water	35" ) DNS0 (50mm x	PN 96	Mechanical	13 May 202
711361	97171	Viega	Geopress K	Male Toe	Water	176° ) DN63 (63mm x	PN 16	Mechanical	13 May 202
767496	SPHTW	Viega	Geogress K	Valve Adaptor	Wister	136" ) DN40 (40mm)	FN 16	Mechanical	13 May 202
767501	9794TW	Viega	Geogress K	90 Elbow Valve Adaptor	Water	DNS0 (50mm)	PN %	Mechanical	13 May 202
				90 Ebow					
767518	9794TW	Viega	Geopress K	Valve Adaptor 90 Elbow Valve Adaptor	Water	DN63 (63mm)	PN 16	Mechanical	13 May 202
767525	97941TW	Viega	Geogress K	Valve Adaptor 45 Elbow	Water	DN32 (32mm)	PN 96	Mechanical	13 May 202
767532	97941TW	Viega	Geopress K	Valve Adaptor 45 Elbow	Water	DN40 (40mm)	PN 16	Mechanical	13 May 202
767549	97941TW	Viega	Geogress K	Valve Adaptor	Water	DNS0 (S0mm)	PN 16	Mechanical	13 May 202
768140	9793TW	Viega	Geopress K	45 Elbow Vsilve Adaptor	Water	DN32 (32mm)	PN 16	Mechanical	13 May 202
768157	9793TW	Viega	Geopress K	Valve Adaptor	Water	DN40 (40mm)	PN 16	Mechanical	13 May 202
768164	9793TW	Viega	Geopress K	Valve Adaptor	Water	DNS0 (50mm)	PN 16	Mechanical	13 May 202
768171	9793TW	Vega	Geopress K	Valve Adaptor	Water	DN63 (63mm)	PN 16	Mechanical	13 May 202
768188	9794TW	Viega	Geopress K	Valve Adaptor	Water	DN32 (32mm)	PN 16	Mechanical	13 May 202
766256	97941TW	Viega	Geogress K	90 Elbow Valve Adaptor	Water	DN63 (63mm)	PN 16	Mechanical	13 May 202
766263	97201TW	Viega	Geogress K	45 Elbow Male Elbow	Water	DNS2 ( 32mm x	PN 16	Mechanical	13 May 202
768270	97201TW	Viega	Geogress K	90 R-Thread Male Elbow	Water	1%") DN40 (40mm x	PN 16	Mechanical	13 May 202
766297	9720/TW	Viega	Geogness K	90 R-Thread Male Elbow	Water	176" ) DNSO (50mm x	PN 96	Mechanical	13 May 202
768294	97201TW		Geogress K	90 R-Thread Male Elbow	Water	116" ) DN63 (63mm x	PN 16	Mechanical	13 May 202
		Viega		90 R-Thread		106")		700000000000000000000000000000000000000	
768300	9721TW	Viega	Geogress K	Male adaptor with G thread	Water	DN32 (32mm x 100°)	PN 16	Mechanical	13 May 202
768317	9721TW	Viega	Geopress K	Male adaptor with G thread	Water	DN40 (40mm x 15%)	PN 16	Mechanical	13 May 202
768324	9721TW	Viega	Geogress K	Male adaptor with G thread	Water	DN60 (50mm x 176" )	PN 16	Mechanical	13 May 202
768331	9721TW	Viega	Geopress K	Male adaptor with G thread	Water	DN63 (63mm x 100°)	PN 96	Mechanical	13 May 202
772437	969CTW	Viega	Geogress K	Tapping Value	Water	DN63 (63mm)	PN 16	Mechanical	13 May 202
772444	SESTW	Viega	Geogress K	Tapping	Water	DNSC (90mm)	PN 16	Mechanical	13 May 202
772451	969CTW	Viega	Geopress K	Valve Tapping	Water	DN110 (110mm)	PN 16	Mechanical	13 May 202
772468	9690TW	Viega	Geopress K	Valve Tapping	Water	DN125 (125mm)	PN 16	Mechanical	13 May 202
772475	969CTW	Viega	Geogress K	Valve Tapping	Water	DN140 (140mm)	FN 16	Mechanical	13 May 202
772482	969CTW	Vega	Geogress K	Valve Tapping	Water	DN160 (160mm)	PN 16	Mechanical	13 May 202
772499	969CTW	Viega	Geogress K	Valve Tapping	Water	DN180 (180mm)	PN 16	Mechanical	13 May 202
				Valve					
772505	969CTW	Viega	Geogress K	Tapping Valve	Water	DN200 (200mm)	PN 16	Mechanical	13 May 202
772512	9690TW	Viega	Geopress K	Tapping Valve	Water	DN225 (225mm)	PN 16	Mechanical	13 May 202
772529	96900	Viega	Geopress K Gas	Geopress K Gas Tapping Valve	63mm	Geopress K Gas Tapping Valve 53mm	PN 10	Mechanical	28 34 202
772536	96900	Viega	Geopress K Gas	Geopress K Gas Tapping Valve	90mm	Geopress K Gas Tapping Valve 90mm	PN 10	Mechanical	28 Jul 202

Licence No: SMK26451 Issued Date: 3 August 2023

This schedule supersedes all previously issued schedules



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## **SCHEDULE TO** STANDARDSMARK LICENCE

Model Identification	Model Name	Brand Name	Product Description	Product Type	Product Application	Size Classification	Pressure Classification	Joint Type	Date Endorsed
772543	9690G	Viega	Geopress K Gas	Geopress K Gas Tapping Valve	110mm	Geopress K Gas Tapping Valve 110mm	PN 10	Mechanical	28 Jul 202
772560	9690G	Viega	Geopress K Gas	Geopress K Gas Tapping Valve	125mm	Geopress K Gas Tapping Valve 125mm	PN 10	Mechanical	28 Jul 202
772567	9890G	Viega	Geopress K Gas	Geopress K Gas Tapping Valve	140mm	Geopress K Gas Tapping Valve 140mm	PN 10	Mechanical	28 Jul 200
772574	9690G	Viega	Geopress K Gas	Geopress K Gas Tapping Valve	160mm	Geopress K Gas Tapping Valve	PN 10	Mechanical	28 Jul 203
772581	96900	Viega	Geopress K Gas	Geopress K Gas Tapping Valve	180mm	Geopress K Gas Tapping Valve 180mm	PN 10	Mechanical	28 Jul 20
772598	9690G	Viega	Geopress K Gas	Geopress K Gas Tapping Valve	200mm	Geopress K Gas Tapping Valve 200mm	PN 10	Mechanical	28 Jul 20
772604	9690G	Viega	Geopress K Gas	Geopress K Gas Tapping	225mm	Geopress K Gas Tapping Valve	PN 10	Mechanical	28 Jul 200
821470	9715.5TW	Viega	Geopress K	Valve Coupling Slip	Water	225mm DN32 (32mm)	PN 16	Mechanical	1 Aug 200
821487	9715.5TW	Viega	Geopress K	Coupling Stp	Water	ERHAD (40mm)	PN 16	Mechanical	1 Aug 200
621494	9715.5TW	Viega	Geopress K	Coupling Slip	Water	DNS0 (50mm)	PN 16	Mechanical	1 Aug 20
621500	9715.5TW	Viega	Geopress K	Coupling Slip	Water	DN63 (63mm)	PN 16	Mechanical	1 Aug 20
821517	9715.5G	Viega	Geopress K Gas	Geopress K Gas Coupling	32mm	Geopress K Gas Coupling Slip	PN 10	Mechanical	26 Jul 20
821524	9715.5G	Viega	Geopress K Gas	Silp Geopress K Gas Coupling Silp	40mm	Geopress K Gas Couping Sip	PN 10	Mechanical	28 Jul 20
821531	9715.5G	Viega	Geopress K Gas	Geopress K Gas Coupling Silp	50mm	Geopress K Gas Coupling Slip 50mm	PN 10	Mechanical	28 Jul 20
821548	9715.5G	Viega	Geopress K Gas	Geopress K Gas Coupling Slip	63mm	Geopress K Gas Coupling Slip 63mm	PN 10	Mechanical	28 Jul 20
821579	9711TW	Viega	Geopress K	Adaptor Male	Water	DN25 (25mm x 50)	PN 16	Mechanical	1 Aug 20
621586	9711TW	Viega	Geopress K	Adaptor Male	Water	DN32 (32mm x	PN 16	Mechanical	1 Aug 20
821593	9711TW	Viega	Geopress K	Adaptor Male	Water	1") DNS2 (32mm x	PN 16	Mechanical	1 Aug 20
821609	9711TW	Viega	Geopress K	Adaptor Male	Water	116") DN40 (40mm x	PN 16	Mechanical	1 Aug 20
821616	9711TW	Viega	Geopress K	Adaptor Male	Water	1") DN40 (40mm x	PN 16	Mechanical	1 Aug 20
821623	9711TW	Viega	Geopress K	Adaptor Male	Water	11(r) DN40 (40mm x	PN 16	Mechanical	1 Aug 20
821630	9711TW	Viega	Geopress K	Adaptor Male	Water	1)4") DNS0 (50mm x	PN 16	Mechanical	1 Aug 200
821667	9711TW	Viega	Geogress K	Adaptor Male	Water	1%") DN63 (63mm x	PN 16	Machanical	1 Aug 20
-						2)			
821961	9726G	Viega	Geopress K Gas	Geopress K Gas Elbow 45°	32mm	Geopress K Gas Elbow 45" 32mm	PN 10	Mechanical	28 Jul 20
821678	9726G	Viega	Geopress K Gas	Geopress K Gas Elbow 46°	40mm	Geopress K Gas Ettow 45" 40mm	PN 10	Mechanical	28 Jul 200
821685	9726G	Viega	Geopress K Gas	Geopress K Gas Elbow 45°	50mm	Geopress K Gas Elbow 45° S0mm	PN 10	Mechanical	28 Jul 20
821602	9729G	Viega	Geopress K Gas	Geopress K Gas Elbow 45°	63mm	Geopress K Gas Elbow 45" 63mm	PN 10	Mechanical	28 Jul 20
821852	97110	Viega	Geopress K Gas	Male Adaptor	Water	DN50 (50mm x 1)(*)	PN 10	Mechanical	28 Jul 20
821869	9711G	Viega	Geopress K Gas	Geopress K Gas Adaptor Male	40mm x 156*	Geopress K Gas Adaptor Male 40mm x 11/4"	PN 10	Mechanical	28 Jul 20
821876	9711G	Viega	Geopress K Gas	Geopress K Gas Adaptor Male	50mm x 100°	Geopress K Gas Adaptor Male 50mm x 11/6*	PN 10	Mechanical	28 Jul 20
621683	9711G	Viega	Geopress K Gas	Geopress K Gas Adaptor Male	63mm x 2*	Geopress K Gas Adaptor Male 63mm x 2*	PN 10	Mechanical	28 Jul 20
821890	9715TW	Viega	Geopress K	Coupling	Water	DN25 (25mm)	PN 16	Mechanical	1 Aug 20
821906	9715TW	Viega	Geopress K	Coupling	Water	DN32 (32mm)	PN 16	Mechanical	1 Aug 20
821913	9715TW	Viega	Geopress K	Coupling	Water	DR440 (40mm)	PN 16	Mechanical	1 Aug 20

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<sup>\*</sup> For details of manufacture, refer to the licensee

# STANDARDSMARK LICENCE

Model Identification	Model Name	Brand Name	Product Description	Product Type	Product Application	Size Classification	Pressure Classification	Joint Type	Date Endorsed
821920	9715TW	Viega	Geopress K	Coupling	Water	DNSO (S0mm)	PN 16	Mechanical	1 Aug 202
821937	9715TW	Viega	Geopress K	Coupling	Water	DN63 (63mm)	PN 16	Mechanical	1 Aug 202
821944	9715G	Viega	Geopress K Gas	Geopress K	32mm	Geopress K Gas	PN 10	Mechanical	26 Jul 202
821961	97150	Viege	Geopress K Gas	Gas Coupling Geopress K	40mm	Geopress K Gas	PN 10	Mechanical	28 Jul 202
821968	9719G	Viega	Geopress K Gas	Gas Coupling Geopress K	SOmm	Coupling 40mm Geopress K Gas	PN 10	Mechanical	28 Jul 2023
821975	9715G	Viega	Geopress K Gas	Gas Coupling Geopress K	63mm	Geopress K Gas	PN 10	Mechanical	28 Jul 202
821982	9716TW	Viega	Geopress K	Gas Coupling Elbow 90°	Water	Coupling 63mm DN25 (25mm)	PN 16	Mechanical	1 Aug 202
821999	9716TW	Viega	Geopress K	Elbow 90°	Water	DN32 (32mm)	PN 16	Mechanical	1 Aug 202
822002	9716TW	Viega	Geopress K	Elbow 90°	Water	DN40 (40mm)	PN 16	Mechanical	1 Aug 202
822019	9716TW	Viega	Geopress K	Elbow 90°	Water	DN50 (50mm)	PN 16	Mechanical	1 Aug 202
822036	9716TW	Viega	Geopress K	Elbow 90°	Water	DN63 (63mm)	PN 16	Mechanical	1 Aug 202
822033	9716G	Viega	Geogress K Gas	Geopress K	32mm	Geogress K Gas	PN 10	Mechanical	28 Jul 202
622000	97100	Vega	Geopress K Gas	Gas Elbow 90'	aanm	Elbow 90° 32mm	PN 10	Mechanica	20 34 252
822040	9716G	Viega	Geopress K Gas	Geopress K Gas Elbow 90°	40mm	Geopress K Gas Elbow 90° 40mm	PN 10	Mechanical	28 Jul 202
822067	9716G	Viega	Geopress K Gas	Geopress K Gas Elbow 90'	50mm	Geopress K Gas Elbow 90° 50mm	PN 10	Mechanical	28 Jul 202
822064	9716G	Viega	Geopress K Gas	Geopress K Gas Elbow 90'	63mm	Geopress K Gas Elbow 90' 63mm	PN 10	Mechanical	28 34 202
822071	9756TW	Viega	Geopress K	Свр	Water	DN25 (25mm)	PN 16	Mechanical	1 Aug 202
822088	9756TW	Viega	Geopress K	Сар	Water	DN32 (32mm)	PN 16	Mechanical	1 Aug 202
822095	9796TW	Viega	Geopress K	Cap	Water	DN40 (40mm)	PN 16	Mechanical	1 Aug 202
822101	9796TW	Viega	Geopress K	Сар	Water	DN50 (50mm)	PN 16	Mechanical	1 Aug 202
822118	9796TW	Viega	Geopress K	Cap	Water	DN63 (63mm)	PN 16	Mechanical	1 Aug 202
822125	9756G	Viega	Geopress K Gas	Geopress K	32mm	Geopress K Gas	PN 10	Mechanical	28 Jul 202
822132	9756G	Viega	Geopress K Gas	Gas Cap Geopress K	40mm	Cap 32mm Geopress K Gas	PN 10	Mechanical	26 Jul 202
822149	9756G	Viega	Geopress K Gas	Gas Cap Geopress K	50mm	Cap 40mm Geopress K Gas	PN 10	Mechanical	28 Jul 202
822156	9756G	Viega	Geopress K Cas	Gas Cap Geopress K	63mm	Cap 50mm Geopress K Gas	PN 10	Mechanical	28 Jul 202
822163	9712TW	Viega	Geopress K	Gas Cap Adaptor	Water	Cap 63mm DN32 (32mm x	PN 16	Mechanical	1 Aug 202
822170	9712TW	Viega	Geopress K	Female Adaptor	Water	1") DN25 (25mm x	PN 16	Mechanical	1 Aug 202
822187	9712TW	Viega	Geopress K	Female Adaptor	Water	547) DN40 (40mm x	PN 16	Mechanical	1 Aug 202
				Female		1565			
822194	9712TW	Viega	Geopress K	Adaptor Female	Water	DNS0 (50mm x 1%")	PN 16	Mechanical	1 Aug 202
822200	9712TW	Viega	Geopress K	Adaptor Female	Water	DNS3 (63mm x 2") DNS2 (32mm)	PN 16	Mechanical	1 Aug 202
822217	9713.4TW	Viega	Geopress K	Adapter	Water		PN 16	Mechanical	1 Aug 202
822224	9713.4TW	Viega	Geopress K	Adapter coupling	Wister	DN40 (40mm)	PN 16	Mechanical	1 Aug 202
822231	9713.4TW	Viega	Geopress K	Adapter	Water	DN50 (50mm)	PN 16	Mechanical	1 Aug 202
822248	9713.4TW	Viega	Geopress K	Coupling Adapter	Water	DN63 (63mm)	PN 16	Mechanical	1 Aug 202
822295	9P14TW	Viega	Geopress K	Adaptor Male	Water	DN25 (25mm x	PN 16	Mechanical	1 Aug 202
822292	9714TW	Viega	Geopress K	Elbow 90° Adaptor Male	Water	DN32 (32mm x	PN 16	Mechanical	1 Aug 202
822279	9714TW	Viega	Geopress K	Elbow 90° Adaptor Male	Water	1") DN32 (32mm x	PN 16	Mechanical	1 Aug 202
822296	9714TW	Viega	Geopress K	Elbow 90" Adoptor Male	Water	156") DN40 (40mm x	PN 16	Mechanical	1 Aug 202
822290	9714TW	Viega	Geopress K	Elbow 90° Adaptor Male	Water	9") DN460 (40mm x	PN 16	Mechanical	1 Aug 202
822309	9714TW	Viega	Geopress K	Elbow 90" Adaptor Male	Water	1%") DN40 (40mm x	PN 16	Mechanical	1 Aug 202
822316	9714TW	Viega	Geopress K	Elbow 90° Adaptor Male	Water	136") DNS0 (50mm x	PN 16	Mechanical	1 Aug 202
822323	9714TW	Viega	Geopress K	Elbow 90" Adaptor Male	Water	1565 DN63 (63mm x	PN 16	Mechanical	1 Aug 202
842323	Bri41W	viega	Geopress K	Adaptor Male Elbow 90°	viile	Cres (samm x	P7N 76	Mechanical	1 Aug 25

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## **SCHEDULE TO** STANDARDSMARK LICENCE

Model Identification	Model Name	Brand Name	Product Description	Product Type	Product Application	Size Classification	Pressure Classification	Joint Type	Date Endorses
822330	97143	Viega	Geopress K Gas	Geopress K Gas Adaptor Female	32mm x 1*	Geopress K Gas Adaptor Female 30mm x 1"	PN 10	Mechanical	28 Jul 200
822347	97143	Viega	Geopress K Gas	Geopress K Gas Adaptor Female	40mm x 154*	Geopress K Gas Adaptor Female 40mm x 1%*	PN 10	Mechanical	28 Jul 200
822354	9714G	Viega	Geopress K Gas	Geopress K Gas Adaptor Female	50mm x 155*	Geopress K Gas Adaptor Female 50mm x 1%*	PN 10	Mechanical	28 Jul 200
822361	97143	Viega	Geopress K Gas	Geogress K Gas Adaptor Female	63mm x 2*	Geopress K Gas Adaptor Female 63mm x 2*	PN 10	Mechanical	28 Jul 200
822378	9714.2TW	Viega	Geogress K	Adaptor Female Elbow 90"	Water	DM32 (30mm x 1")	PN 16	Mechanical	1 Aug 200
822385	9714.2TW	Viega	Geogrees K	Adaptor Female Elbow 90"	Water	DN40 (40mm x 1%*)	PN 16	Mechanical	1 Aug 20
822392	9714.2TW	Viega	Geogress K	Adaptor Female Elbow 90"	Water	DNS0 (50mm x 1%*)	PN 16	Mechanical	1 Aug 20
822408	9714.2TW	Viega	Geogress K	Adaptor Female Elbow 90"	Water	DN63 (63mm x 2°)	PN 16	Mechanical	1 Aug 20
822477	9715.2TW	Viega	Geogress K	Coupling	Water	DN32 (32mm x	PN 16	Mechanical	1 Aug 20
822484	9715.2TW	Viega	Geogress K	Reducer Coupling	Water	25mm) DN40 (40mm x	PN 16	Mechanical	1 Aug 20
822491	9715.2TW	Viega	Geopress K	Reducer Coupling	Water	32mm) DN50 (50mm x	PN 16	Mechanical	1 Aug 20
822507	9715.2TW	Viege	Geogress K	Reducer	Water	32mm) DN50 (50mm x	PN 16	Mechanical	1 Aug 20
822514	9715.2TW	Viega	Geogress K	Reducer	Water	43mm) DN63 (63mm x	PN 16	Mechanical	1 Aug 20
822521	9715.2TW	Viega	Geogress K	Reducer	Water	32mm) DN63 (63mm x	PN 16	Mechanical	1 Aug 20
822538	9715.2TW	Viega	Geogress K	Reducer	Water	40mm) DN63 (63mm x	PN 96	Mechanical	1 Aug 20
822545	9715.2G	Viega	Geopress K Gas	Reducer Geogress K	40mm x 32mm	50mm) Geopress K Gas	PN 10	Mechanical	28 Jul 20
822582	9715.2G	Viega	Geopress K Gas	Gas Coupling Reducer Geopress K	50mm x 32mm	Coupling Reducer 40mm x 32mm Geopress K Gas	PN 10	Mechanical	28 Jul 20
BALLING.	9/15.20	Vega	Ceopress K Cas	Gas Coupling Reducer	Somm x somm	Coupling Reducer	PN 10	Mechanical	20 24 24
822569	9715.2G	Viega	Geopress K Gas	Geopress K Gas Coupling Reducer	50mm x 40mm	50mm x 32mm Geopress K Gas Coupling Reducer 50mm x 40mm	PN 10	Mechanical	28 34 20
822576	9715.2G	Viega	Geopress K Gas	Geopress K Gas Coupling Reducer	63mm x 32mm	Geopress K Gas Coupling Reducer 63mm x 32mm	PN 10	Mechanical	28 Jul 20
822583	9715.2G	Viega	Geopress K Gas	Geogress K Gas Coupling Reducer	63mm x 50mm	Geopress K Gas Coupling Reducer 63mm x 50mm	PN 10	Mechanical	28 Jul 20
822682	9718TW	Viega	Geopress K	Tee	Water	DN25 (25mm)	PN 16	Mechanical	1 Aug 20
822699	9718TW	Viega	Geopress K	Too	Water	DN32 (32mm)	PN 16	Mechanical	1 Aug 20
822705	9718TW	Viega	Geogress K	Tee	Water	DN40 (40mm)	PN 16	Mechanical	1 Aug 20
822712	9718TW	Viega	Geopress K	Tee	Water	DNSO (50mm)	PN 16	Mechanical	1 Aug 20
822729	9718TW	Viega	Geogress K	Tee	Water	DN63 (63mm)	PN 16	Mechanical	1 Aug 20
822767	9718G	Viega	Geopress K Gas	Geopress K	32mm	Geopress K Gas	PN 10	Mechanical	28 Jul 20
822774	9718G	Viega	Geopress K Gas	Gas Tee Geopress K Gas Tee	40mm	Tee 32mm Geopress K Gas	PN 10	Mechanical	28 Jul 20
822781	9718G	Viega	Geopress K Gas	Geopress K	50mm	Tee 40mm Geopress K Gas	PN 10	Mechanical	28 Jul 20
822798	9718G	Viega	Geopress K Gas	Gas Tee Geogress K	63mm	Tee 50mm Geopress K Gas	PN 10	Mechanical	28 Jul 20
822904	9720.1TW	Viega	Geogress K	Gas Tee Adaptor Male Elbow 90" with notatable	Water	Tee 63mm DN32 (33mm x 11/4")	PN 16	Mechanical	1 Aug 20
822811	9720.1TW	Vega	Geopress K	Adaptor Male Elbow 90" with rotatable	Water	DN40 (40mm x 1%*)	PN 16	Mechanical	1 Aug 20
822928	9720.1TW	Viega	Geopress K	Adaptor Male Elbow 90" with rotatable	Water	DM50 (50mm x 1%*)	PN 16	Mechanical	1 Aug 20
822835	9720.1TW	Viega	Geopress K	Adaptor Male Elbow 90" with notatable thread	Water	DN63 (63mm x 17/2*)	PN 16	Mechanical	1 Aug 20

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## **SCHEDULE TO** STANDARDSMARK LICENCE

Model Identification	Model Name	Brand Name	Product Description	Product Type	Product Application	Size Classification	Pressure Classification	Joint Type	Date Endorsed
622842	9726TW	Viega	Geopress K	Ebow 45'	Water	DN32 (32mm)	PN 16	Mechanical	1 Aug 202
822859	9726TW	Viega	Geopress K	Eltow 45°	Water	DN40 (40mm)	PN 16	Mechanical	1 Aug 202
822966	9726TW	Viega	Geopress K	Ebow 45°	Water	DN50 (50mm)	PN 16	Mechanical	1 Aug 202
822873	9726TW	Viega	Geopress K	Elbow 45°	Water	DN63 (63mm)	PN 16	Mechanical	1 Aug 202
829030	9799G	Viega	Geopress K Gas	Geogress K Gas Tapping band Adaptor	32mm	Geopress K Gas Tapping band Adaptor 32mm	PN 10	Mechanical	28 Jul 202
823047	9799G	Vioga	Geopress K Gas	Geopress K Gas Tapping band Adaptor	40mm	Geopress K Gas Tapping band Adaptor 40mm	PN 10	Mechanical	28 Jul 202
823064	97990	Viega	Geopress K Gas	Geogress K Gas Tapping band Adaptor	50mm	Geopress K Gas Tapping band Adaptor 50mm	PN 10	Mechanical	28 Jul 202
823061	9799G	Viega	Geopress K Gas	Geogress K Gas Tapping band Adaptor	63mm	Geopress K Gas Tapping band Adaptor 63mm	PN 10	Mechanical	28 Jul 202
823076	9793TW	Viega	Geopress K	Tapping band Adaptor	Water	DN25 (25mm)	PN 16	Mechanical	1 Aug 202
623065	9793TW	Viega	Geopress K	Tapping band Adaptor	Water	DN32 (32mm)	PN 16	Mechanical	1 Aug 202
823092	9793TW	Viega	Geopress K	Tapping band Adaptor	Water	DN40 (40mm)	PN 16	Mechanical	1 Aug 202
823108	9793TW	Viega	Geopress K	Tapping band Adaptor	Water	DNS0 (S0mm)	PN 16	Mechanical	1 Aug 200
823115	9793TW	Viega	Geopress K	Tapping band Adaptor	Water	DN63 (63mm)	PN 16	Mechanical	1 Aug 202
823122	9794G	Viega	Geopress K Gas	Geogress K Gas Tapping band Adaptor Elbow 90"	32mm	Geopress K Gas Tapping band Adaptor Elbow 90" 32mm	PN 10	Mechanical	28 Jul 202
823139	97943	Viega	Geopress K Gas	Geogress K Gas Tapping band Adaptor Elbow 90"	40mm	Geopress K Gas Tapping band Adaptor Elbow 90° 40mm	PN 10	Mechanical	28 Jul 200
823146	9794G	Viega	Geopress K Gas	Geopress K Gas Tapping band Adaptor Elbow 90"	50mm	Geopress K Gas Tapping band Adaptor Elbow 90° 50mm	PN 10	Mechanical	28 Jul 200
823153	97943	Viega	Geopress K Gas	Geogress K Gas Tapping band Adaptor Elbow 90"	63mm	Geopress K Gas Tapping band Adaptor Elbow 90° 63mm	PN 10	Mechanical	28 Jul 202
823160	9794TW	Viega	Geopress K	Tapping band Adaptor Elbow 90"	Water	DN32 (32mm)	PN 16	Mechanical	1 Aug 200
823177	STRETW	Viega	Geopress K	Tapping band Adaptor Elbow 90"	Water	DN40 (40mm)	PN 16	Mechanical	1 Aug 202
823184	9794TW	Viega	Geopress K	Tapping band Adaptor Elbow 90"	Water	DNS0 (S0mm)	PN 16	Mechanical	1 Aug 202
823191	9794TW	Viega	Geopress K	Tapping band Adaptor Elbow 90"	Water	DN63 (63mm)	PN 16	Mechanical	1 Aug 200

End of Record

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## **APPENDIX C - SUPPLIER CONTACTS**

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