


# CERTIFICATE

<b>Certificate holder</b>	<b>hpg plastics gmbh</b> <b>Anna-Schlinkheider-Str. 3</b> <b>40878 Ratingen</b> <b>GERMANY</b>
<b>Product</b>	Plastic piping and multilayer piping systems for warm water floor heating systems and radiator connecting systems
<b>Type, Model</b>	<MIDI>inverse - System
<b>Testing basis</b>	DIN 4726:2017-10 DIN EN ISO 21003-2:2011-07 DIN EN ISO 21003-3:2008-11 DIN EN ISO 21003-5:2008-11 Certification Scheme Plastic piping and multilayer piping systems for warm water floor heating systems and radiator connecting systems (2019-03)
<b>Mark of conformity</b>	
<b>Registration No.</b>	3V394 MVR (P)
<b>Valid until</b>	2025-03-31
<b>Right of use</b>	This certificate entitles the holder to use the mark of conformity shown above in conjunction with the specified registration number.  See annex for further information.

# ANNEX

**Certificate** 3V394 MVR (P) dated 2020-07-21

**Technical Data**

**Pipe:**

- Production plant: Ratingen
- Material designation: MVR (P)
- Nominal-outside diameter x nominal thickness: 10 x 1,3; 16 x 1,5; 12, 14, 16, 17, 18, 20 x 2; 26 x 3
- Design class: C
- Application class and operating pressure: Class 4+5/6 bar

**Fitting/Connector:**

- Name of the manufacturer: IPA Produktions- und Vertriebsgesellschaft m.b.H
- Type of fitting: compression and press fittings
- Material designation: metall
- Type designation: M-MK
- Article number:

compression fitting: 1069121V, 1069122V, 1069141V, 1069142V, 1069161V, 1069162V, 1069171V, 1069172V, 1069182V, 1069201V, 1069202V, 1072102V, 1061145V, 1066152V, 1061152V, 1061552V, 1073242V, 1073262V

press fitting: 1711400, 1711600, 1711700, 1711800, 712000, 1721400, 1721600, 1721700, 1721800, 1722000, 1701400, 1701600, 1701700, 1701800, 1702000, 1701481, 1701681, 1701781, 1701881, 1702081, 1701411, 1701611, 1701711, 1701812, 1702012

**Fitting/Connector:**

- Name of the manufacturer: Oventrop GmbH & Co. KG
- Type of fitting: compression fittings
- Material designation: metall
- Type designation: M-MK
- Article number: 1016882, 1027757, 1027761, 1027763, 1028263, 1504454, 1503162, 103104, 103106, 1027757

**Testing laboratory/  
Inspection body**

Kiwa Nederland B.V.  
Wilmersdorf 50  
7327 AC APELDORN  
NETHERLANDS

**Test report(s)**

kiwa 20150201-RG/2 dated 2015-02-01  
kiwa 20150616-RG/1 dated 2015-06-16



# ANNEX

**Certificate**

3V394 MVR (P) dated 2020-07-21

**Surveillance 2016**

20161103/DKW/DK dated 2016-11-03

LC 13109 dated 2016-05-17, LC 13110 dated 2016-05-17,

LC 13111 dated 2016-05-17, LC 13112 dated 2016-05-17,

LC 13113 dated 2016-05-17

20170307/DKW/DK dated 2017-03-07

LC 13867 dated 2016-12-07, LC 13868 dated 2016-12-07,

LC 13869 dated 2016-12-07, LC 13870 dated 2016-12-07, LC 13871 dated

2016-12-07

**Surveillance 2017**

20180110/DK-01 dated 2018-01-10

LC 14588 dated 2017-10-10, LC 14590 dated 2017-08-30

LC 14591 dated 2018-01-10, LC 14592 dated 2017-08-09

LC 14593 dated 2017-07-25

Surveillance Audit Report dated 2017-07-11

20190306PA-01 dated 2019-03-06

LC 16467 dated 2019-01-09, LC 16468 dated 2019-02-27,

LC 16469 dated 2019-01-09, LC 16470 dated 2019-01-28,

LC 16478 dated 2019-01-11

Surveillance Audit Report dated 2017-07-11

**Surveillance 2018**

0180913DK-02 dated 2018-09-13

LC 15582 dated 2018-05-16, LC 15585 dated 2018-07-11,

LC 15586 dated 2018-05-02, LC 15587 dated 2018-04-24,

LC 15595 dated 2018-06-04

20190306PA-01 dated 2019-03-06

LC 16467 dated 2019-01-09, LC 16468 dated 2019-02-27,

LC 16469 dated 2019-01-09, LC 16470 dated 2019-01-28,

LC 16478 dated 2019-01-11

**Surveillance 2019**

Surveillance Audit Report dated 2019-05-17

20191014PA-01 dated 2019-14-10

150302055/A12061-Rev0 dated 2019-06-21

LC 17161 dated 2019-10-04

LC 17166 dated 2019-08-07

LC 17167 dated 2019-08-20

LC 17168 dated 2019-07-24

LC 17169 dated 2019-07-12



# ANNEX

**Certificate**

3V394 MVR (P) dated 2020-07-21

LC 17170 dated 2019-08-14

LC 17942 dated 2020-07-09

LC 17943-1 dated 2020-01-29

LC 17943-2 dated 2020-01-30

LC 17944 dated 2020-03-17

