



Product certificate K108563/01

Issued 2021-08-01

Replaces -

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Metal fittings for the Flow fit plastics piping systems

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Geberit International AG

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K536 G "Plastics piping systems of PE-RT/Al intended for transport of hot and cold drinking water " dated 15-12-2011, including amendment sheet dated 13-03-2018.

Ron Scheepers
Kiwa

*This product certificate is only valid in combination with a Kiwa certified plastics piping system.
Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.*

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Metal fittings for the Flow Fit plastics piping systems

PRODUCT SPECIFICATION

The products mentioned below belong to this certificate

Flow Fit plastic piping system

According to BRL-K536 G: "Plastics piping systems of PE-RT/Al intended for transport of hot and cold drinking water".

Coupling

620.020.00.1	long coupling FwF SiBr d16
620.021.00.1	long coupling FwF SiBr d20
620.022.00.1	long coupling FwF SiBr d25
620.023.00.1	long coupling FwF SiBr d32
620.024.00.1	long coupling FwF SiBr d40
620.025.00.1	long coupling FwF SiBr d50
620.020.00.1	long coupling FwF SiBr d16

Adapters

620.090.00.1	adapter FT FwF-MEP SiBr d16-d16
620.091.00.1	adapter FT FwF-MEP SiBr d20-d20
620.092.00.1	adapter FT FwF-MEP SiBr d25-d26
620.093.00.1	adapter FT FwF-MEP SiBr d32-d32
620.094.00.1	adapter FT FwF-MEP SiBr d40-d40
620.095.00.1	adapter FT FwF-MEP SiBr d50-d50
620.096.00.1	adapter FT FwF-MEP SiBr d63-d63
620.097.00.1	adapter FT FwF-MEP SiBr d75-d75
620.230.00.1	adapter FT FwF-MAP Rg+ d16-d12
620.240.00.1	adapter FT FwF-MAP Rg+ d16-d15
620.231.00.1	adapter FT FwF-MAP Rg+ d20-d15
620.242.00.1	adapter FT FwF-MAP Rg+ d20-d22
620.232.00.1	adapter FT FwF-MAP Rg+ d25-d22
620.233.00.1	adapter FT FwF-MAP Rg+ d32-d28
620.234.00.1	adapter FT FwF-MAP Rg+ d40-d35
620.235.00.1	adapter FT FwF-MAP Rg+ d50-d42
620.236.00.1	adapter FT FwF-MAP Rg+ d63-d54
620.241.00.1	adapter FT FwF-MAP Rg+ d20-d18
620.250.00.1	adapter FT FwF-MAP ESt d16-d15
620.251.00.1	adapter FT FwF-MAP ESt d20-d18
620.252.00.1	adapter FT FwF-MAP ESt d20-d22
620.253.00.1	adapter FT FwF-MAP ESt d25-d22
620.254.00.1	adapter FT FwF-MAP ESt d32-d28
620.255.00.1	adapter FT FwF-MAP ESt d40-d35
620.256.00.1	adapter FT FwF-MAP ESt d50-d42
620.257.00.1	adapter FT FwF-MAP ESt d63-d54

Female threaded adapters

620.400.00.1	adapter FT FwF SiBr d16-Rp3/8
620.401.00.1	adapter FT FwF SiBr d20-Rp3/8
620.402.00.1	adapter FT FwF SiBr d25-Rp3/4
620.403.00.1	adapter FT FwF SiBr d32-Rp1
620.404.00.1	adapter FT FwF SiBr d40-Rp1
620.405.00.1	adapter FT FwF SiBr d50-Rp1 1/2
620.406.00.1	adapter FT FwF SiBr d63-Rp2
620.407.00.1	adapter FT FwF SiBr d75-Rp2 1/2
620.410.00.1	adapter FT FwF SiBr d16-Rp1/2
620.411.00.1	adapter FT FwF SiBr d20-Rp1/2

Tee

620.150.00.1	T-piece FT FwF Rg+ d16-Rp1/2-16
620.151.00.1	T-piece FT FwF Rg+ d20-Rp1/2-20
620.152.00.1	T-piece FT FwF Rg+ d25-Rp1/2-25
620.153.00.1	T-piece FT FwF Rg+ d32-Rp1/2-32
620.154.00.1	T-piece FT FwF Rg+ d40-Rp1/2-40
620.155.00.1	T-piece FT FwF Rg+ d50-Rp1/2-50
620.156.00.1	T-piece FT FwF Rg+ d63-Rp1/2-63
620.157.00.1	T-piece FT FwF Rg+ d25-Rp1/2-20
620.162.00.1	T-piece FT FwF Rg+ d25-Rp3/4-25
620.163.00.1	T-piece FT FwF Rg+ d32-Rp3/4-32
620.164.00.1	T-piece FT FwF Rg+ d40-Rp3/4-40
620.165.00.1	T-piece FT FwF Rg+ d50-Rp3/4-50
620.166.00.1	T-piece FT FwF Rg+ d63-Rp1-63
620.173.00.1	T-piece FT FwF Rg+ d32-Rp1-32
620.174.00.1	T-piece FT FwF Rg+ d40-Rp1-40
620.175.00.1	T-piece FT FwF Rg+ d50-Rp1-50
620.177.00.1	T-piece FT FwF Rg+ d75-Rp1-75
620.176.00.1	T-piece FT FwF Rg+ d63-Rp2-63
620.184.00.1	T-piece FT FwF Rg+ d40-Rp1 1/4-40
620.185.00.1	T-piece FT FwF Rg+ d50-Rp1 1/2-50

Male threaded adapters

620.300.00.1	adapter MT FwF SiBr d16-R3/8
620.301.00.1	adapter MT FwF SiBr d20-R3/8
620.302.00.1	adapter MT FwF SiBr d25-R1/2
620.303.00.1	adapter MT FwF SiBr d32-R1
620.304.00.1	adapter MT FwF SiBr d40-R1
620.305.00.1	adapter MT FwF SiBr d50-R1 1/2
620.306.00.1	adapter MT FwF SiBr d63-R2
620.307.00.1	adapter MT FwF SiBr d75-R2 1/2
620.310.00.1	adapter MT FwF SiBr d16-R1/2
620.311.00.1	adapter MT FwF SiBr d20-R1/2
620.312.00.1	adapter MT FwF SiBr d25-R3/4
620.313.00.1	adapter MT FwF SiBr d32-R1 1/4
620.314.00.1	adapter MT FwF SiBr d40-R1 1/4
620.315.00.1	adapter MT FwF SiBr d50-R2
620.316.00.1	adapter MT FwF SiBr d63-R2 1/2
620.320.00.1	adapter MT FwF SiBr d16-R3/4
620.321.00.1	adapter MT FwF SiBr d20-R3/4
620.322.00.1	adapter MT FwF SiBr d25-R1
620.324.00.1	adapter MT FwF SiBr d40-R1 1/2
619.700.00.1	adapter MT StSt FwF ESt d20-R1/2
619.701.00.1	adapter MT StSt FwF ESt d25-R3/4
619.702.00.1	adapter MT StSt FwF ESt d32-R1
619.703.00.1	adapter MT StSt FwF ESt d40-R1 1/4
619.704.00.1	adapter MT StSt FwF ESt d50-R1 1/2
619.705.00.1	adapter MT StSt FwF ESt d63-R2
619.706.00.1	adapter MT StSt FwF ESt d75-R2 1/2

Female threaded adapters

Male threaded elbows

Metal fittings for the Flow Fit plastics piping systems

620.412.00.1	adapter FT FwF SiBr d25-Rp1
620.413.00.1	adapter FT FwF SiBr d32-Rp1 1/4
620.414.00.1	adapter FT FwF SiBr d40-Rp1 1/4
620.415.00.1	adapter FT FwF SiBr d50-Rp2
620.416.00.1	adapter FT FwF SiBr d63-Rp2 1/2
620.420.00.1	adapter FT FwF SiBr d16-Rp3/4
620.421.00.1	adapter FT FwF SiBr d20-Rp3/4
620.424.00.1	adapter FT FwF SiBr d40-Rp1 1/2

Female threaded elbows

620.532.00.1	elbowAd FT FwF Rg+ 90G d25-Rp3/4
620.533.00.1	elbowAd FT FwF Rg+ 90G d32-Rp1
620.534.00.1	elbowAd FT FwF Rg+ 90G d40-Rp1 1/4
620.535.00.1	elbowAd FT FwF Rg+ 90G d50-Rp1 1/2
620.536.00.1	elbowAd FT FwF Rg+ 90G d63-Rp2
620.540.00.1	elbowAd FT FwF Rg+ 90G d16-Rp1/2
620.541.00.1	elbowAd FT FwF Rg+ 90G d20-Rp1/2
620.542.00.1	elbowAd FT FwF Rg+ 90G d25-Rp1
620.550.00.1	elbowAd FT FwF Rg+ 90G d16-Rp3/4
620.551.00.1	elbowAd FT FwF Rg+ 90G d20-Rp3/4

adapter union with female thread

620.600.00.1	Adunion FT FwF SiBr d16-Rp1/2
620.601.00.1	Adunion FT FwF SiBr d20-Rp1/2
620.602.00.1	Adunion FT FwF SiBr d25-Rp3/4
620.603.00.1	Adunion FT FwF SiBr d32-Rp1
620.613.00.1	Adunion FT FwF SiBr d32-Rp 1 1/4
620.604.00.1	Adunion FT FwF SiBr d40-Rp 1 1/4
620.614.00.1	Adunion FT FwF SiBr d40-Rp 1 1/2
620.605.00.1	Adunion FT FwF SiBr d50-Rp 1 1/2
620.615.00.1	Adunion FT FwF SiBr d50-Rp2
620.606.00.1	Adunion FT FwF SiBr d63-Rp2

adapter union with clamping ring

620.680.00.1	adapter w / OTunion FwF SiBr d16-d12
620.690.00.1	adapter w / OTunion FwF SiBr d16-d15
620.681.00.1	adapter w / OTunion FwF SiBr d20-d15

elbow adapter 90° with clamping ring union

620.700.00.1	elbowAd w / OTunion FwF Rg+/Cu d16-d12
620.710.00.1	elbowAd w / OTunion FwF Rg+/Cu d16-d15
620.701.00.1	elbowAd w / OTunion FwF Rg+/Cu d20-d15

adapter to copper pipe clamping ring union

620.720.00.1	adp FwF OTunion SiBr/Cu d16-15 OTunion
620.721.00.1	adp FwF OTunion SiBr/Cu d20-15 OTunion
620.722.00.1	adp FwF OTunion SiBr/Cu d25-22 OTunion

tap connector, straight with male thread

619.471.22.1	adapter MT FwF SiBr d20-R1/2
619.481.22.1	adapter MT FwF SiBr d20-R3/4
619.472.22.1	adapter MT FwF SiBr d25-R1/2
619.482.22.1	adapter MT FwF SiBr d25-R3/4
619.267.22.1	union ctor FwF Ms d-16-G1/2 Herz

620.510.00.1	elbowAd MT FwF Rg+ 90G d16-R1/2
620.520.00.1	elbowAd MT FwF Rg+ 90G d16-R3/4
620.511.00.1	elbowAd MT FwF Rg+ 90G d20-R1/2
620.521.00.1	elbowAd MT FwF Rg+ 90G d20-R3/4
620.502.00.1	elbowAd MT FwF Rg+ 90G d25-R3/4
620.512.00.1	elbowAd MT FwF Rg+ 90G d25-R1
620.503.00.1	elbowAd MT FwF Rg+ 90G d32-R1
620.504.00.1	elbowAd MT FwF Rg+ 90G d40-R1 1/4
620.505.00.1	elbowAd MT FwF Rg+ 90G d50-R1 1/2
620.506.00.1	elbowAd MT FwF Rg+ 90G d63-R2

adapter union with male thread

620.580.00.1	Adunion MT FwF SiBr d16-R1/2
620.581.00.1	Adunion MT FwF SiBr d20-R1/2
620.591.00.1	Adunion MT FwF SiBr d20-R3/4
620.582.00.1	Adunion MT FwF SiBr d25-R3/4
620.583.00.1	Adunion MT FwF SiBr d32-R1
620.593.00.1	Adunion MT FwF SiBr d32-R1 1/4
620.584.00.1	Adunion MT FwF SiBr d40-R1 1/4
620.594.00.1	Adunion MT FwF SiBr d40-R1 1/2
620.585.00.1	Adunion MT FwF SiBr d50-R1 1/2
620.595.00.1	Adunion MT FwF SiBr d50-R2
620.586.00.1	Adunion MT FwF SiBr d63-R2
620.596.00.1	Adunion MT FwF SiBr d63-R2 1/2

adapter with union nut

620.620.00.1	adapter w / Unut FwF SiBr d16-G3/8
620.630.00.1	adapter w / Unut FwF SiBr d16-G1/2
620.640.00.1	adapter w / Unut FwF SiBr d16-G3/4
620.650.00.1	adapter w / Unut FwF SiBr d16-G1
620.621.00.1	adapter w / Unut FwF SiBr d20-G3/8
620.631.00.1	adapter w / Unut FwF SiBr d20-G1/2
620.641.00.1	adapter w / Unut FwF SiBr d20-G3/4
620.651.00.1	adapter w / Unut FwF SiBr d20-G1
620.672.00.1	adapter w / Unut FwF SiBr d20-G1 1/8
620.661.00.1	adapter w / Unut FwF SiBr d20-G1 1/4
620.671.00.1	adapter w / Unut FwF SiBr d20-G1 1/2
620.622.00.1	adapter w / Unut FwF SiBr d25-G1/2
620.632.00.1	adapter w / Unut FwF SiBr d25-G3/4
620.642.00.1	adapter w / Unut FwF SiBr d25-G1
620.652.00.1	adapter w / Unut FwF SiBr d25-G1 1/4
620.662.00.1	adapter w / Unut FwF SiBr d25-G1 1/2
620.673.00.1	adapter w / Unut FwF SiBr d25-G2
620.623.00.1	adapter w / Unut FwF SiBr d32-G3/4
620.633.00.1	adapter w / Unut FwF SiBr d32-G1
620.643.00.1	adapter w / Unut FwF SiBr d32-G1 1/4
620.653.00.1	adapter w / Unut FwF SiBr d32-G1 1/2
620.663.00.1	adapter w / Unut FwF SiBr d32-G2
620.624.00.1	adapter w / Unut FwF SiBr d40-G1 1/4
620.634.00.1	adapter w / Unut FwF SiBr d40-G1 1/2
620.644.00.1	adapter w / Unut FwF SiBr d40-G2
620.654.00.1	adapter w / Unut FwF SiBr d40-G2 1/4
620.625.00.1	adapter w / Unut FwF SiBr d50-G1 1/2
620.635.00.1	adapter w / Unut FwF SiBr d50-G1 3/4
620.645.00.1	adapter w / Unut FwF SiBr d50-G2
620.655.00.1	adapter w / Unut FwF SiBr d50-G2 ¼

Metal fittings for the Flow Fit plastics piping systems

connection bend 90°

620.802.00.1	elbow ctor FwF Rg+ d25-Rp3/4 L5.2
620.750.00.1	elbow ctor FwF Rg+ d16-Rp3/8 L3.6
620.751.00.1	elbow ctor FwF Rg+ d20-Rp3/8 L3.6
620.760.00.1	elbow ctor FwF Rg+ d16-Rp1/2 L3.6
620.761.00.1	elbow ctor FwF Rg+ d20-Rp1/2 L3.6
620.810.00.1	elbow ctor FwF Rg+ d16-Rp1/2 L5.2
620.811.00.1	elbow ctor FwF Rg+ d20-Rp1/2 L5.2
620.821.00.1	elbow ctor FwF Rg+ d20-Rp3/4 L5.2
620.770.00.1	elbow ctor FwF Rg+ d16-Rp1/2 L7.8
620.771.00.1	elbow ctor FwF Rg+ d20-Rp1/2 L7.8
620.800.00.1	elbow ctor FwF Rg+ d16-Rp3/8 L5.2
620.801.00.1	elbow ctor FwF Rg+ d20-Rp3/8 L5.2

adapter with screw connection to PE-X pipes

620.730.00.1	adapter for PEX FwF SiBr d16-13/16
620.731.00.1	adapter for PEX FwF SiBr d20-16/20
620.732.00.1	adapter for PEX FwF SiBr d25-20/26

corner elbow connector 90°

620.881.00.1	corner ebwCtor FwF Rg+ d20-Rp1/2-L3.6
620.921.00.1	corner ebwCtor FwF Rg+ d20-Rp1/2-L5.2

Premounts

619.630.00.1	1x ebwCtr Mpad FwF Rg+ d16-Rp1/2 L5.2
619.631.00.1	1x ebwCtr Mpad FwF Rg+ d20-Rp1/2 L5.2
619.640.00.1	2x ebwCtr Mpad FwF Rg+ d16-Rp1/2 L5.2
619.651.00.1	2x ebwCtr Mpad FwF Rg+ d20-Rp1/2 L5.2
619.641.00.1	2x ebwCtr Mpad FwF Rg+ d20-Rp1/2 AD10
619.661.00.1	2x ebwCtr Mpa FwF Rg+ d20-Rp1/2
619.671.00.1	2x ebwCtr Mpa FwF Rg+ d20-Rp1/2
619.681.00.1	2x ebwCtr Mpad MF FwF Rg+ d20-Rp1/2 drnP
619.690.00.1	2x ebwCtr Mpa FwF Rg+ d16-Rp1/2

Pipe connector bend with adapter with union nut for Euro cone

619.400.22.1	MBend 90° CTunion FwF SiBr/Cu d16-15-L30
619.410.22.1	MBend 90° CTunion FwF SiBr/Cu d16-15-L100
619.401.22.1	MBend 90° CTunion FwF SiBr/Cu d20-15-L30
619.411.22.1	MBend 90° CTunion FwF SiBr/Cu d20-15-L100
619.420.22.1	MT-pc w / CTunion FwF SiBr/Cu d16-15-16
619.421.22.1	MT-pc w / CTunion FwF SiBr/Cu d20-15-20

adapter with union nut

620.665.00.1	adapter w / Unut FwF SiBr d50-G2 3/8
620.675.00.1	adapter w / Unut FwF SiBr d50-G2 3/4
620.626.00.1	adapter w / Unut FwF SiBr d63-G2
620.636.00.1	adapter w / Unut FwF SiBr d63-G2 3/8
620.646.00.1	adapter w / Unut FwF SiBr d63-G2 1/2
620.656.00.1	adapter w / Unut FwF SiBr d63-G2 3/4

pipe end plug

620.740.00.1	pipe end plug FwF PPSU d16 for pressing
620.741.00.1	pipe end plug FwF PPSU d20 for pressing
620.742.00.1	pipe end plug FwF PPSU d25 for pressing

double elbow tap connector 90°

620.830.00.1	dbl elbow ctor FwF Rg+ d16-Rp1/2-d16
620.831.00.1	dbl elbow ctor FwF Rg+ d16-Rp1/2-d20
620.832.00.1	dbl elbow ctor FwF Rg+ d20-Rp1/2-d25
620.841.00.1	dbl elbow ctor FwF Rg+ d20-Rp1/2-d16
620.842.00.1	dbl elbow ctor FwF Rg+ d25-Rp1/2-d20
620.851.00.1	dbl elbow ctor FwF Rg+ d20-Rp1/2-d20
620.852.00.1	dbl elbow ctor FwF Rg+ d25-Rp1/2-d25

Euro cone, with union nut

619.260.22.1	union ctor FwF SiBr d-16-EuG3/4
619.261.22.1	union ctor FwF SiBr d-20-EuG3/4

tap connector, straight, with union nut

619.490.22.1	adapter w / UNut FwF SiBr d16-G1/2
619.491.22.1	adapter w / UNut FwF SiBr d20-G1/2
619.492.22.1	adapter w / UNut FwF SiBr d25-G3/4

metal pipe connector bend 90°

619.380.22.1	MBend FwF SiBr/Cu d16-14-L30
619.391.22.1	MBend FwF SiBr/Cu d20-14-L30

screw connection

620.570.00.1	union FwF SiBr d16
620.571.00.1	union FwF SiBr d20
620.572.00.1	union FwF SiBr d25
620.573.00.1	union FwF SiBr d32
620.574.00.1	union FwF SiBr d40
620.575.00.1	union FwF SiBr d50
620.576.00.1	union FwF SiBr d63

Metal fittings for the Flow Fit plastics piping systems

Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation", dated 01-07-2017; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

APPLICATION AND USE

The piping system is intended to be used for the transport of cold and hot drinking water according to a temperature profile class 2 of ISO 10508 and an allowable working pressure of maximum 10 bar.

MARKING

The products are marked with the Kiwa-mark.

The minimum required marking on the fittings shall be:

- **KIWA**  or on small products  or  or 
(if not possible **KIWA**  only on the smallest packaging unit);
- manufacturer's name, trade name or logo;
 - nominal outside diameter of the corresponding pipe in mm;
 - production code.

Location of the marks: on every fitting.

The realization of the marks is as follows: clear, durable and indelible.

The smallest packaging unit of the fittings are provided with at least the following information:

- **KIWA**  ;
- certificate number of the accompanying technical approval-with-product certificate of the piping system, according the marking of the belonging pipe;
- the manufacturer's name, trade name, system name or logo;
- material identification if the fitting body is made of plastics;
- nominal outside diameter and nominal wall thickness of the corresponding pipe in mm

Location of the marks: on every package.

The realization of the marks is as follows: clear, durable and indelible.

*) for small fittings marking with only KK is permitted

**) only after approval by Kiwa

RECOMMENDATIONS FOR CUSTOMERS

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- Geberit International AG

and, if necessary,

- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.