



Product certificate K5144/12

Issued 2020-11-01

Replaces K5144/11

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iJOINT PP Clamp fittings

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

Georg Fischer TPA S.r.l.

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-K17105 "plastics piping systems of polyethylene for the transport of drinking water and raw water" dated 03-10-2017.

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

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

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PRODUCT SPECIFICATION

The products mentioned below belong to this technical approval-with-product certificate.

The dimensions and types, given in the table below are part of this product certificate

Type	Type number	Dimensions			iJOINT
Coupler	4141	d16			x
		d20			x
		d25			x
		d32			x
		d40			x
		d50			x
		d63			x
		d75			x
		d90			x
		d110			x
Coupler reduced	5151	d20	d16		x
		d25	d20		x
		d32	d20		x
		d32	d25		x
		d40	d25		x
		d40	d32		x
		d50	d32		x
		d50	d40		x
		d63	d32		x
		d63	d40		x
		d63	d50		x
		d75	d50		x
		d75	d63		x
		d90	d63		x
		d90	d75		x
		d110	d90		x
Repair coupler		d16			x
		d20			x
		d25			x
		d32			x
		d40			x
		d50			x
		d63			x
		d75			x
		d90			x
		d110			x
Elbow 45° with male offtake	106106	d16			x
		d20	1/2"		x
		d25	3/4"		x
		d32	1"		x
		d40	1 1/4"		x
		d50	1 1/2"		x
		d63	2"		x
Elbow 45°	105105	d16			x
		d20			x
		d25			x
		d32			x
		d40			x
		d50			x
		d63			x
Elbow 90° with female offtake	101101	d16			x
		d20	1/2"		x

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Type	Type number	Dimensions			iJOINT
		d20	3/4"		x
		d25	1/2"		x
		d25	3/4"		x
		d25	1"		x
		d32	1/2"		x
		d32	3/4"		x
		d32	1"		x
		d32	1 1/4"		x
		d40	3/4"		x
		d40	1"		x
		d40	1 1/4"		x
		d40	1 1/2"		x
		d50	1"		x
		d50	1 1/4"		x
		d50	1 1/2"		x
		d50	2"		x
		d63	1 1/4"		x
		d63	1 1/2"		x
		d63	2"		x
		d75	2"		x
		d75	2 1/2"		x
		d75	3"		x
		d90	3"		x
		d110	4"		x
Elbow 90° with male offtake	103103	d16			x
		d20	1/2"		x
		d20	3/4"		x
		d25	1/2"		x
		d25	3/4"		x
		d25	1"		x
		d32	1/2"		x
		d32	3/4"		x
		d32	1"		x
		d40	1"		x
		d40	1 1/4"		x
		d40	1 1/2"		x
		d50	1 1/4"		x
		d50	1 1/2"		x
		d63	1 1/4"		x
		d63	1 1/2"		x
		d63	2"		x
		d63	2 1/2"		x
		d75	2 1/2"		x
		d75	3"		x
		d90	3"		x
		d90	4"		x
		d110	3"		x
		d110	4"		x
Elbow 90°	9191	d16			x
		d20			x
		d25			x
		d32			x
		d40			x
		d50			x
		d63			x
		d75			x
		d90			x
		d110			x
Female adaptor	3131	d16			x
		d20	1/2"		x
		d20	3/4"		x

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Type	Type number	Dimensions			iJOINT
		d25	1/2"		x
		d25	3/4"		x
		d25	1"		x
		d32	3/4"		x
		d32	1"		x
		d32	1 1/4"		x
		d40	1"		x
		d40	1 1/4"		x
		d40	1 1/2"		x
		d50	1"		x
		d50	1 1/4"		x
		d50	1 1/2"		x
		d50	2"		x
		d63	1 1/2"		x
		d63	2"		x
		d63	2 1/2"		x
		d75	2"		x
		d75	2 1/2"		x
		d75	3"		x
		d90	2"		x
		d90	2 1/2"		x
		d90	3"		x
		d110	3"		x
		d110	4"		x
Flange adaptor	new	d50	1 1/2"		x
		d50	2"		x
		d63	2"		x
		d63	2 1/2"		x
		d75	2 1/2"		x
		d75	3"		x
		d90	3"		x
		d90	4"		x
		d110	4"		x
Male adaptor	2131	d16			x
		d20	1/2"		x
		d20	3/4"		x
		d20	1"		x
		d25	1/2"		x
		d25	3/4"		x
		d25	1"		x
		d32	3/4"		x
		d32	1"		x
		d32	1 1/4"		x
		d32	1 1/2"		x
		d40	1"		x
		d40	1 1/4"		x
		d40	1 1/2"		x
		d40	2"		x
		d50	1"		x
		d50	1 1/4"		x
		d50	1 1/2"		x
		d50	2"		x
		d63	1 1/2"		x
		d63	2"		x
		d63	2 1/2"		x
		d75	2"		x
		d75	2 1/2"		x
		d75	3"		x
		d90	2"		x
		d90	2 1/2"		x
		d90	3"		x
		d90	4"		x

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Type	Type number	Dimensions			iJOINT
		d110	3"		x
		d110	4"		x
90° Tee with female offtake	7171	d16			x
		d20	1/2"		x
		d20	3/4"		x
		d25	1/2"		x
		d25	3/4"		x
		d25	1"		x
		d32	1/2"		x
		d32	3/4"		x
		d32	1"		x
		d32	1 1/4"		x
		d40	3/4"		x
		d40	1"		x
		d40	1 1/4"		x
		d40	1 1/2"		x
		d50	1"		x
		d50	1 1/4"		x
		d50	1 1/2"		x
		d50	2"		x
		d63	1 1/4"		x
		d63	1 1/2"		x
		d63	2"		x
		d75	2 1/2"		x
		d90	3"		x
		d110	4"		x
90° Tee with male offtake	102102	d16			x
		d20	1/2"		x
		d20	3/4"		x
		d25	1/2"		x
		d25	3/4"		x
		d25	1"		x
		d32	3/4"		x
		d32	1"		x
		d40	3/4"		x
		d40	1 1/4"		x
		d40	1 1/2"		x
		d50	3/4"		x
		d50	1 1/4"		x
		d50	1 1/2"		x
		d63	1 1/4"		x
		d63	1 1/2"		x
		d63	2"		x
		d63	2 1/2"		x
		d75	2 1/2"		x
		d75	3"		x
		d90	3"		x
		d110	4"		x
90° Tee	6161	d16			x
		d20			x
		d25			x
		d32			x
		d40			x
		d50			x
		d63			x
		d75			x
		d90			x
		d110			x
90° Tee reduced	8181	d16	d20	d16	x
		d20	d25	d20	x
		d25	d20	d25	x

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Type	Type number	Dimensions			iJOINT
		d25	d32	d25	x
		d32	d25	d32	x
		d40	d32	d40	x
		d50	d32	d50	x
		d50	d40	d50	x
		d63	d32	d63	x
		d63	d50	d63	x
		d75	d63	d75	x
		d90	d75	d90	x
		d110	d90	d110	x
		d110	d63	d110	x
End Cap	171171	d16			x
		d20			x
		d25			x
		d32			x
		d40			x
		d50			x
		d63			x
		d75			x
		d90			x
		d110			x

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.

MARKING

The marks and indications shall be printed or formed on the fitting and the packaging in such a way that it is durable and legible.

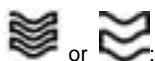
Fittings shall be provided with at least the following marks*:

- manufacturer's name, trade name and/or logo;
- nominal outside diameter(s) in mm of connecting pipe(s);
- Nominal pressure (PN);
- production code;
- for fittings with a support ring: nominal wall thickness of the connecting pipe;
- Type of fitting body material (only for plastic fittings).

*) Marking of small fittings could be done on the smallest packaging unit in consultation with Kiwa.

Certification mark

After entering into the Kiwa certification agreement the word "KIWA" and the Kiwa water mark must be printed or formed on the fitting.
Kiwa water mark:



In consultation with Kiwa:

- the combination of "KIWA" and the Kiwa water mark may be replaced by;

KK of

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- may some marks be printed or formed on the (smallest) packaging unit, e.g. because the fittings are too small to be able to print or form all the marks on the fitting.

APPLICATION AND USE

The products are intended for PE-piping systems for the transport of drinking water and raw water with a maximum temperature of 40° C.

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:

- Georg Fischer TPA S.r.l.

and, if necessary,

- Kiwa Nederland B.V.

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