



Product certificate K5037/06

Issued 2019-08-15

Replaces K5037/05

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Solvent cement fittings of PVC-U

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 Piping System Ltd

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-K17301 "Piping systems of PVC for the transport of drinking water and raw water" dated 15-09-2017.

Ronald Karel
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

Solvent cement fittings of PVC-U

PRODUCT SPECIFICATION**General**

Solvent cement fittings according to evaluation guideline BRL-K17301 "Plastics piping systems of PVC for the transport of cold drinking water and raw water"

Specification

The dimensions and types, in pressure class PN 10, given in the table below are part of this product certificate.

Table 1

Nominal dimensions in mm	Type		
	Reducing T-piece 90°	Reducing ring Socket/spigot	Reducing piece Socket/spigot
	21.20.21	21.90.03	21.91.03
16-12		X	
20-16		X	X
25-20	X	X	X
32-20	X	X	
32-25	X	X	X
40-20	X	X	
40-25	X	X	
40-32	X	X	X
50-20	X		
50-25	X		
50-32	X	X	
50-40	X	X	X
63-25	X		
63-32	X	X	
63-40	X	X	
63-50	X	X	X
75-50		X	
75-63		X	X
90-50		X	
90-63		X	
90-75		X	X

Table 2

Nominal dimensions in mm	Type			
	T-piece 45°	T-piece 90°	Bend 45°	Bend 90°
	21.25.01	21.20.01	21.15.01	21.10.01
12		X		X
16		X	X	X
20	X	X	X	X
25	X	X	X	X
32	X	X	X	X
40	X	X	X	X
50	X	X	X	X
63	X	X	X	X
75		X	X	X
90		X	X	X

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Table 3

Nominal dimensions in mm	Type			
	Cross piece	Cap	Coupler	Flow bend
	21.30.01	21.96.01	21.91.01	21.00.01
12		X	X	
16		X	X	
20		X	X	X
25	X	X	X	X
32	X	X	X	X
40	X	X	X	X
50	X	X	X	X
63	X	X	X	X
75		X	X	
90		X	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

De fittings shall be marked with the Kiwa®-mark¹⁾

The minimum required marking on the products shall be:

- Kiwa (or Kiwa®-word mark) and additionally the Kiwa watermark ¹⁾;
- Manufacturer's name, registered trade name or logo;
- PVC;
- Nominal pressure (PN);
- Nominal dimensions of the corresponding pipe;
- Production period or production code.

The realization of the marks is as follows: clearly and indelible.

¹⁾ this information may be given on the smallest packaging unit of the fittings.

APPLICATION AND USE

The products are intended for PVC-U piping systems for the transport of drinking water and raw water heated to 45° degrees.

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 Piping System Ltd

and, if necessary,

- Kiwa Nederland B.V.

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