



Product certificate K45706/05

Issued 2019-08-15

Replaces K45706/04

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Electro fusion fittings made of PE

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

GH-Fusion Corporation 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-K17105 "Plastics piping systems of polyethylene for the transport of drinking water and raw water" dated 03-10-2017.

Ronald Karel
Kiwa

288180711

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

Electro fusion fittings made of PE

PRODUCT SPECIFICATION

Electro fittings made of PE according to evaluation guideline BRL-K17105 "Plastics piping systems of PE for the transport of cold drinking water and raw water".

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

Table 1

	Straight sleeve	End cap	Knee 90°	Knee 45°	Tee 90°
Diam.					
20	X	X	X	X	X
25	X	X	X	X	X
32	X	X	X	X	X
40	X	X	X	X	X
50	X	X	X	X	X
63	X	X	X	X	X
75	X	X	X	X	X
90	X	X	X	X	X
110	X	X	X	X	X
125	X	X	X	X	X
160	X	X	X	X	X
180	X	X	X	X	X
200	X	X			
225	X	X			
250	X	X			

Table 2

	Reducer
Diam.	
25x20	X
32x20	X
32x25	X
40x32	X
50x32	X
50x40	X
63x32	X
63x40	X
63x50	X
90x63	X
110x90	X
125x90	X
180x125	X
180x160	
200X125	

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" dated 01-07-2017 ("Materials and chemicals in the supply of drinking water and warm tap water Regulation"), 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 products shall be marked with the Kiwa®-mark.

Each fitting and the smallest packaging unit of the fitting is provided with at least the following marks:

- **KIWA**  or on small products  or  or **KK*** or **KK***;
- manufacturer's name, trade name or logo;
- nominal outside diameter of the corresponding pipe in mm;
- pressure class;
- production code;
- for fittings with an internal supporting ring: the nominal wall thickness of the connecting pipe;
- PE type (PE 40, PE 80 or PE 100), depending on the field of application.

Location of the marks: on every fitting.

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

*) for small fittings marking with only KK is permitted

APPLICATION AND USE

The products are intended for PE piping systems for the transport of drinking water and raw water heated to 40 °C.

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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:

- GH-Fusion Corporation Ltd.

and, if necessary,

- Kiwa Nederland B.V.

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