

Product certificate K24257/02

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Replaces K24257/01

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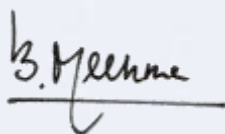
Electro fusion fittings made of PE

STATEMENT BY KIWA

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

Fusion Group 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 "Piping systems of PE for the transport of drinking water and raw water".



Bouke Meekma
Kiwa

Publication of the certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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Supplier

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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 fusion 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 tables below are part of this product certificate

Tabel 1, straight sleeve	Tabel 2, End Cap	Tabel 3, Knee 90°	Tabel 4, Knee 45°	Tabel 5, T-Piece 90°	Tabel 6, Reducer
20 X	X	X	X	X	25x20 X
25 X	X	X	X	X	32x20 X
32 X	X	X	X	X	32x25 X
40 X	X	X	X	X	40x32 X
50 X	X	X	X	X	50x32 X
63 X	X	X	X	X	50x40 X
75 X	X	X	X	X	63x32 X
90 X	X	X	X	X	63x40 X
110 X	X	X	X	X	63x50 X
125 X	X	X	X	X	90x63 X
160 X	X	X	X	X	110x90 X
180 X	X	X	X	X	125x90 X
200 X	X				180x125 X
225 X	X				180x160
250 X	X				200x125

MARKING

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 of the (PE40, PE 80 or PE 100), depending on the field of application;

* material indication is also allowed on every packaging

**For very small fittings only marking which KK is allowed

Location of the mark: every fitting

The marks and indications shall be provided on each product and product packaging in a clear, legible and indelible way.

TOXICOLOGICAL REQUIREMENTS

Approval:

This product is approved on the basis of the requirements set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Regulation materials and chemicals drinking water and warm tap water supply"; published in the Government Gazette).

ATA criteria:

The ATA product certification is based on two main criteria. It should permanently comply with:

- The product recipe approved during the assessment procedure. The recipe is laid down in the for confidentiality reasons undisclosed appendix 1A to the certification agreement K24257. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa-ATA-approval procedure;
- Specific ATA-product requirements, laid down in appendix 1A to the certification agreement K24257. For confidentiality reasons this appendix 1A is not public.

APPLICATION AND USE

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

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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:

- The Fusion Group Ltd.

and, if necessary,

- Kiwa Nederland B.V.

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