



Product certificate K20470/04

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Replaces K20470/03

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CERTIFICATE

Electrofusion 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

Plasson 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 03-010-2017.

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

Electrofusion fittings made of PE

PRODUCT SPECIFICATION

Electrofusion fittings made of PE, for piping systems for the transport of drinking water and raw water conform BRL-K17105. The product(s) in the following table belong to this certificate

Material: PE 100	
Nom. pressure: PN 16	
Description	
Coupler	20 - 315
Reducing Coupler	20x32 - 125x90
End Cap	20 -250
End Plug	32 - 180
Tee 90°	20 - 160
Reducing Tee	32x20x32 160x90x160
Elbow 90°	20 - 160
Elbow 45°	32 - 160
Elbow 22.5°	125 - 160
Male Transition Coupler	20x ¹ / ₂ " - 75x2 ¹ / ₂ "
Female Transition Coupler	20x ¹ / ₂ " - 63x2"
Male Transition Elbow 90	20x ¹ / ₂ " - 75x2 ¹ / ₂ "
Female Transition Elbow	20x ¹ / ₂ " - 63x2"
Male Transition Elbow 45	32x1" - 75x2 ¹ / ₂ "
Female Transition Elbow 45	20x ³ / ₄ " - 63x2 ¹ / ₂ "
Free Nut Transition Coupler	32x1" - 63x2"
Male Free Nut transition Coupler	20x ³ / ₄ " - 63x2 ¹ / ₂ "
Free Nut Transition Elbow 90	32x1" - 63x2"
Male Free Nut Transition Elbow 90	32x1 ¹ / ₄ " - 63x2 ¹ / ₂ "
Free Nut Transition Elbow 45	32x1" - 63x2"
Male Free Nut Transition Elbow 45	32x1" - 63x2"
Male PE Transition Coupler	25x ³ / ₄ " - 63x2"
Male PE Transition Coupler 90°	25x ³ / ₄ " - 63x2"
Male PE Transition Elbow 45°	25x ³ / ₄ " - 63x2"

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 products shall be marked with the Kiwa®-mark

Electrofusion fittings made of PE

Fittings

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 (PE 80 or PE 100), depending on the field of application;
- BRL K17105 and/or EN 12201.

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

APPLICATION AND USE

The products are intended for PE piping systems for the transport of drinking water and raw water heated to 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:

- Plasson Ltd
- and, if necessary,
- Kiwa Nederland B.V.

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