



## Product certificate K20470/04

Issued 2019-06-01

Replaces K20470/03

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### 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](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

# CERTIFICATE

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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

<b>Material:</b>	<b>PE 100</b>
<b>Nom. pressure:</b>	<b>PN 16</b>
<b>Description</b>	
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 $\frac{1}{2}$ " - 75x2 $\frac{1}{2}$ "
Female Transition Coupler	20x $\frac{1}{2}$ " - 63x2"
Male Transition Elbow 90	20x $\frac{1}{2}$ " - 75x2 $\frac{1}{2}$ "
Female Transition Elbow	20x $\frac{1}{2}$ " - 63x2"
Male Transition Elbow 45	32x1" - 75x2 $\frac{1}{2}$ "
Female Transition Elbow 45	20x $\frac{3}{4}$ " - 63x2 $\frac{1}{2}$ "
Free Nut Transition Coupler	32x1" - 63x2"
Male Free Nut transition Coupler	20x $\frac{3}{4}$ " - 63x2 $\frac{1}{2}$ "
Free Nut Transition Elbow 90	32x1" - 63x2"
Male Free Nut Transition Elbow 90	32x1 $\frac{1}{4}$ " - 63x2 $\frac{1}{2}$ "
Free Nut Transition Elbow 45	32x1" - 63x2"
Male Free Nut Transition Elbow 45	32x1" - 63x2"
Male PE Transition Coupler	25x $\frac{3}{4}$ " - 63x2"
Male PE Transition Coupler 90°	25x $\frac{3}{4}$ " - 63x2"
Male PE Transition Elbow 45°	25x $\frac{3}{4}$ " - 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

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### 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 \* 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.