CERTIFICATE

Product certificate
K41667/04

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Replaces	*K41667/03*
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Butt fusion fittings of PE for the transport of drinking water

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

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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 “Plastic piping systems of polyethylene for the transport of drinking water and raw water” dated 09-03-2015.

Luc Leroy
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**

Butt fusion fittings of PE for the transport of drinking water

PRODUCT SPECIFICATION

Butt fusion fittings of PE for the transport of drinking water according to BRL-K 17105.
The dimensions and types, given in the tables below are part of this product certificate.

Table 1 – Butt fusion bends 90°

	PE100	
DN	SDR11	SDR 17,6/17
20	S	
25	S	
32	S	
40	S	S
50	S	S
63	S	S
75		
90	S	S
110	S	S
125	S	S
140	S	S
160	S	S
180	S	S
200	S	S
225	S	S
250	S	S
280	S	S
315	S	S

Table 2 – Butt fusion tees 90°

	PE100	
DN	SDR 11	SDR17,6/17
20	S	
25	S	
32	S	
40	S	
50	S	S
63	S	S
75	S	S
90	S	S
110	S	S
125	S	S
140	S	S
160	S	S
180	S	S
200	S	S
225	S	S
250	S	S
280	S	S
315	S	S

Table 3 – Butt fusion stub ends

	PE100	
DN	SDR11	SDR17
20	S	
25	S	
32	S	
40	S	S
50	S	S
63	S,SL	S,SL
75	S,SL	S,SL
90	S,SL	S,SL
110	S,SL	S,SL
125	S,SL	S,SL
140	S,SL	S,SL
160	S,SL	S,SL
180	S,SL	S,SL
200	S,SL	S,SL
225	S,SL	S,SL
250	S,SL	S,SL
280	S,SL	S,SL
315	S,SL	S,SL

Explanation of the used letters in the tables:
S= Butt fusion fitting
SL= Butt fusion fitting with longer spigot, also suitable for the connection with electro fusion fitting

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"; 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.

The marks and indications shall be printed or formed on the fitting and the packaging in such a way that it is durable and legible.
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 and/or logo;
- nominal outside diameter(s) in mm of connecting pipe(s);
- nominal pressure (PN);
- production code;
- material identification of the plastic PE 40 or PE 80 or PE 100.

*) Marking of small fittings could be done on the smallest packaging unit in consultation with Kiwa.

Butt fusion fittings of PE for the transport of drinking water

APPLICATION AND USE
The products are intended for PE-piping systems for the transport of drinking water and raw water with a maximum temperature of 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:
- FIP Formatura Iniezione Polimeri S.p.A.

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

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