



## Product certificate K-0215906-1

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Replaces -

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### PE-RT Type II/Al/PE-RT Type II pipes

#### 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

### L'ISOLANTE K-FLEX S.p.A

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-K536 G "Plastics piping systems of PE-RT/Al intended for transport of hot and cold drinking water" dated 15-12-2011, inclusive amendment sheet dated 13-03-2018.

Ron Scheepers  
Kiwa

*This product certificate is only valid in combination with a Kiwa certified plastics piping system.  
Advice: consult [www.kiwa.nl](http://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

PE-RT Type II/Al/PE-RT Type II pipes

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**TECHNICAL SPECIFICATION****Subject**

PE-RT Type II/Al/PE-RT type II pipes

**Product characteristics**

The product complies to BRL K536-G Plastics piping systems of PE-RT/Al intended for transport of hot and cold drinking water.

**Specification**

The dimensions of the pipe in the table below are part of this certificate.

Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminum layer (mm)
16	2	0,2
20	2	0,3

Colour: neutral/white

**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**

The products shall be marked with the Kiwa-mark.

**Pipes**

The minimum required marking on the pipes shall be:

- **KIWA**  or  \* + class 2/ 10 bar;
- material identification: PE-RT type 2;
- the buildup of the pipe: PE-RT II/Al/PE-RT II;
- certificate number of accompanying technical approval-with-product certificate of the piping system;
- the manufacturer's name, trade name, system name or logo;
- nominal outside diameter and nominal wall thickness of the pipe in mm;
- production code.

The realization of the marks is as follows: clear, durable and indelible at intervals of not more than 2 meters.

\*) for smaller diameters permitted by Kiwa.

**Logistics**

Production and assembly of the system is laid down in the annex of the certification agreement.

**APPLICATION AND USE**

The products are designed for drinking water installations with a lifetime of 50 years at an operating temperature profile according to class 4/5 of ISO 10508 and an allowable working pressure of maximum 10 bar..

## PE-RT Type II/Al/PE-RT Type II pipes

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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:

- L'ISOLANTE K-FLEX S.p.A

and, if necessary,

- Kiwa Nederland B.V.

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