

Kiwa N.V.

Certification and Inspection

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PB pipes

Number : K25546/01
 Issued : 2004-12-01
 Replaces : - -

Company

Thermafex Isolatie B.V.
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 P.O. Box 531
 5140 AM WAALWIJK
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Production site

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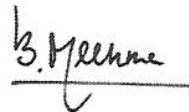
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STATEMENT BY KIWA

This product certificate is issued by Kiwa on the basis of BRL 5605, "Plastics piping systems of PB intended for heating systems: radiator connections", in accordance with the Kiwa Regulations for Product Certification: 2004.

Kiwa declares that legitimate confidence exists that the by the producer manufactured products comply with the technical specifications as laid down in this product certificate, provided that these products are marked with the KOMO[®]-mark reproduced below in the manner indicated in this technical approval-with-product certificate.

For the relation of the contents of this product certificate with the regulations of the 'Bouwbesluit', reference is made to the 'List of quality declarations for the building industry', which is published by the 'Stichting Bouwkwaliiteit' (SBK) in Rijswijk.



ing. B. Meekma,
 director Certification and Inspection, Kiwa N.V.

In order to ensure that this document is still valid, it is advised to consult www.kiwa.nl.

Reproduction of the KOMO[®]-mark.



[®] is a collective mark of Stichting Bouwkwaliiteit (SBK)

This technical approval-with-product certificate exists of 2 pages. * This is a translation.

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Only the Dutch text shall be legally binding.

PRODUCT SPECIFICATION

Technical specification of the product.

General

Plastics piping systems of PB intended for heating systems: radiator connections according to BRL 5605. The pipes are also suitable for flexible piping systems with plastics inner pipe for heated water distribution according to BRL 5609.

Detailed specification

The diameters and applicable wall thicknesses mentioned in the table below belong to this product certificate.

Nominal outside diameter in mm	Minimum wall thickness in mm	Nominal outside diameter in mm	Minimum wall thickness in mm
16	2,2	50	4,6
20	2,8	63	5,8
25	2,3	75	6,9
32	3,0	90	8,2
40	3,7	110	10,0

Marking

The products are marked with the KOMO[®]-mark.

The PB pipes are provided with the following marks:

- KOMO[®] CV;
- manufacturer's name, trade name or logo;
- design pressure 0,6 MPa;
- "PB";
- system name;
- nominal outside diameter and nominal wall thickness in mm;
- production code.

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

Logistics

Production and assembly are laid down in the annex(es) of the product certification agreement.

Colour: ivory inside / red outside

Other details

The pipes are also suitable to be applied in flexible piping systems with plastics inner pipe for heated water distribution according to BRL 5609, with a design pressure of 0,8 MPa.

RECOMMENDATIONS FOR THE USERS

1. The products are intended to be applied as part of a PB piping system for the transport of heated water in heating systems: radiator connections. The products are also suitable to be applied in flexible piping systems with plastics inner pipe for heated water distribution. Hereby the following application conditions must be taken into account::
 the installation instructions of the producer.
2. Check at the time of delivery whether:
 - 2.1 the products are in accordance with the agreement;
 - 2.2 the mark and marking method are correct;
 - 2.3 the products show no visible defects as a result of e.g. transport etc.
3. If you should reject a product on the basis of the above, please contact::
 - 3.1 Thermaflex Isolatie B.V.
 - and, if necessary:
 - 3.2 Kiwa N.V.