



KOMO®
Product certificate
K20900/11



Issued	2023-03-01	Replaces	K20900/09
Valid until	Indefinite	Dated	2022-12-15
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PE-RT/Al Pipes
HakaGerodur AG

STATEMENT BY KIWA

This product certificate is based on Guideline/BRL 5611 "Kunststofleidingsystemen van PE-RT/Al bestemd voor verwarmingsinstallaties: radiatoraansluitingen" dated 25 October 2016.

The quality system and the product characteristics of this product are checked periodically. Based on this, **Kiwa declares that** there is legitimate confidence that:

Upon delivery, the product supplied by the certificate holder meets the requirements:

- Of the technical specifications laid down in this product certificate,
- The product requirements laid down both in this product certificate and in the Guideline/BRL.

Provided the product is accompanied by the KOMO® quality mark in the manner set out in this product certificate.

Ron Scheepers
Kiwa

*This product certificate is also included on the KOMO foundation websites: www.komo.nl and www.komo-online.nl.
Users of this product certificate is advised to check whether it is still valid. For this purpose consult the website of Kiwa: www.kiwa.nl.*

This product certificate is only valid in combination with a KOMO certified plastics piping system.

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Assessed is:
• Quality system
• Product
Periodic control

PE-RT/Al Pipes

TECHNICAL SPECIFICATION

Subject

PE-RT/Al Pipes

Product characteristics

The product complies to BRL 5611 Plastics piping systems of PE-RT/Al intended for heating installations: radiator connections.

Specification

The dimensions of the pipes in table A and B are part of this certificate.

Table A – Pipes made of PE-RT/Al/PE-HD

Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminum layer (mm)	
		Hakathen (- L)	Hakathen
16	2,0	0,2	0,4
20	2,0	0,25	0,4
26	3,0	0,35	0,5
32	3,0	0,5	-
40	3,5	0,5	-

Table B – Pipes made of PE-RT/Al/PE-RT

Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminum layer (mm)	
		Hakathen (- L)	Hakathen
14	2,0	0,18	-
14,3	2,3	0,18	-
16	2,0	0,2	0,4
16	2,2	0,2	-
20	2,0	0,25	0,4
20	2,5	0,25	0,4
20	2,8	0,25	-
25	2,5	0,35	0,5
26	3,0	0,35	0,5
32	3,0	0,5	-
40	3,5	0,5	-
50	4,0	0,6	-
63	4,5	0,8	-

Colour: opaque inside/ white outside

MARKING

Pipes

The minimum required marking on the pipes shall be:

- KOMO (or KOMO® word mark) + class 4 & 5/ 10 bar;
- material identification: PE-RT type 2;
- the build up of the pipe: PE-RT/Al/PE-HD or PE-RT/Al/PE-RT;
- 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;



PE-RT/Al Pipes

- production code.

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

Logistics

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

APPLICATION AND USE

The products are intended to be used for piping systems for heating installations: radiator connections and floor heating systems 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.

TIPS FOR THE USER

Check on delivery of the products listed under the "technical specification" whether:

- The product(s) and material(s) ordered are delivered in accordance with the agreement you made.
- The brand and the method of marking is correct
- No defects or damage is visible (for example, resulting from the transportation).

If on the basis of the foregoing you decide to proceed to rejection, please contact

- HakaGerodur AG

And if necessary,

- Kiwa Nederland B.V.

Carry out the storage, transport and processing in accordance with the provisions included in this product certificate and/or documents of the certificate holder.