



KOMO®
Product certificate
K43193/03



Issued 2017-05-01 Replaces K43193/02
Valid until Indefinite Dated 2015-12-01
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Flexible corrugated outer casing pipes of HDPE
UPONOR GmbH

STATEMENT BY KIWA

This product certificate is issued on the basis of BRL 5609 "Pre-insulated flexible plastics piping systems for warm water distribution outside buildings" issued on 6 January 2014 by Kiwa, in accordance with the Kiwa Regulations for Product Certification.

Kiwa declares that legitimate confidence exists that the by the producer manufactured flexible corrugated outer casing pipes of HDPE comply with the technical specifications as laid down in this product certificate, provided that flexible corrugated outer casing pipes of HDPE have been marked with the KOMO®-mark in the manner as indicated in this product certificate.

Luc Leroy
Kiwa

Het certificaat is opgenomen in het overzicht op de website van Stichting KOMO: www.komo.nl.
Advies: raadpleeg www.kiwa.nl om na te gaan of dit certificaat geldig is.
This product certificate is only valid in combination with a KOMO certified plastics piping system.

CERTIFICATE

318170301

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Evaluated is:
quality system
product
Periodic inspection

Flexible corrugated outer casing pipes of HDPE

PRODUCTSPECIFICATIE

Flexible corrugated outer casing pipes of HDPE according to BRL 5609: Pre-insulated flexible plastics piping systems for warm water distribution outside buildings.

The pipe dimensions as indicated in the table below belong to this certificate.

Nominal outside diameter (mm)
140
175
200
250

The corrugated outer casing pipes are made of HDPE and contain UV protective constituents.

Colour: black.

MARKING

The products shall be marked with the KOMO® mark.

Outer Casing

The minimum required marking on the Outer Casing shall be:

- KOMO® (or KOMO® word mark);
- the manufacturer's name, trade name, certificate number of the protection pipe or the certificate number of the belonging technical approval (system) certificate.
- DH1 or District Heating or Stadsverwarming;
- Designing pressure 6 bar;
- nominal outside diameter of the inner pipe in mm;
- nominal outside diameter of the outer casing in mm;
- material identification: PE;
- production code.

The realization of the marks is as follows: clearly and indelible at intervals of not more than 2,5 m.

LOGISTICS

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

APPLICATION AND USE

The products are intended to be used for flexible piping systems for warmwater distribution with an operating temperature profile according to class DH1 of KOMO evaluation guideline 5609 and an allowable working pressure of maximum 6 bar.

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:

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

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

CONSTRUCTION PRODUCTS REGULATIONS

If a construction product is subject to a European harmonised technical specification, the statements in this KOMO product certificate must not be used as a replacement for the CE marking on such construction product and/or for the associated obligatory Declaration of Performance.

