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|-----------------|-------------------|----------|-------------------|
| Number          | 76601/03          | Replaces | 76601/02          |
| Issued          | 12 September 2014 | Scope    | AR 198 Article. 6 |
| Contract number | Q12/010           | Page     | 1-2               |

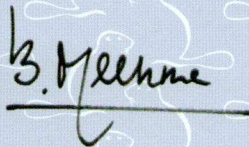
## Product Certificate

### Pipe Sleeves

Based on pre-certification tests as well as periodic inspections by Kiwa Nederland B.V., the products referred to in this certificate and marked with the GASTEC QA mark, supplied by

### MAINCOR Rohrsysteme GmbH & Co. KG

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements 198, for "Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar", Part 6 Pipe Sleeves."



Bouke Meekma  
Kiwa

This certificate is issued by Kiwa Nederland B.V. in conjunction with the KIWA regulations for Product Certification.

This certificate consists of 2 pages.  
Publication of the certificate is allowed.

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## Pipe Sleeves

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### PRODUCT SPECIFICATION

Pipe sleeves for indoor gas multilayer pipe systems according to the GASTEC QA approval requirements 198.  
Color yellow.

| Nominal diameter | Inner diameter in mm |
|------------------|----------------------|
| 16               | 16.6                 |
| 19               | 19.0                 |
| 23               | 23.0                 |
| 29               | 28.5                 |
| 36               | 36.6                 |
| 40               | 32.7                 |

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### APPLICATION AND USE

The use of pipe sleeves is obligatory for certain installation methods in indoor gas multilayer pipe systems as mentioned in EN 1078 and NPR 3378.

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### MARKING

Compulsory specifications:

- GASTEC QA trademark,
- inside diameter,
- manufacturer name or logo.

Place of the mark:

- On the pipe sleeve in a clearly visible position.

Method of marking:

- Clear, visible and durable with a distance of at least 2,5 m.
  - Non-erasable.
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1. Check at the time of delivery whether:
    - 1.1 the producer has delivery in accordance with the agreement;
    - 1.2 the mark and the marking method are correct;
    - 1.3 the products show no visible defects as a result of transport etc.
  2. If you should reject a product on the basis of the above, please contact:
    - 2.1 MAINCOR Rohrsysteme GmbH & Co. KG  
and, if necessary,
    - 2.2 Kiwa Nederland B.V.
  3. Consult the producer's processing guidelines for the proper storage and transport methods.
  4. Check whether this certificate is still valid by consulting Kiwa Nederland B.V. or the Kiwa website.
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