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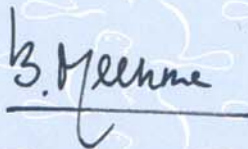
Product Certificate

Mechanical fittings for PE pipes

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

Georg Fisher Fittings GmbH

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements KE 70 for "mechanical fittings for polyethylene piping systems for the supply of gaseous fuels – Thermoplastics fittings and metal fittings for pipes of nominal outside diameter less than or equal to 63 mm" dated January 2012.



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 4 pages.
Publication of the certificate is allowed.

Company

Georg Fisher Fittings GmbH
Mariazeller Strasse 75
3160 Traisen
Austria

www.fittings.at

T +43 (0) 2762 90300 - 0
F +43 (0) 2762 90300 - 390



Certificate

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Mechanical fittings for PE pipes

PRODUCT SPECIFICATION

mechanical fittings for polyethylene piping systems for the supply of gaseous fuels.

Material: cast steel.

Design: Black or galvanised.

Max. working pressure: 8 bar.

Primofit coupling

For PE-pipes SDR 11 AND SDR 17,6 or transition fitting to steel gas pipes with the dimensions:

PE 25 x PE 25, PE 25 x st ¾", PE 32 x PE 32, PE 32 x st 1", PE 40 x PE 40,
PE 40 x st 1¼", PE 50 x PE 50, PE 50 x st 1 1/2", PE 63 x PE 63, PE 63 x st 2".

Primofit long coupling

For PE-pipes SDR 11 AND SDR 17,6 or transition fitting to steel gas pipes with the dimensions:

PE 25 x PE 25, PE 25 x st ¾", PE 32 x PE 32, PE 32 x st 1", PE 40 x PE 40,
PE 40 x st 1¼" PE 50 x PE 50, PE 50 x st 1 1/2", PE 63 x PE 63, PE 63 x st 2".

Primofit male adaptor

For PE-pipes SDR 11 AND SDR 17,6 with the dimensions:

PE 25 x R ¾", PE 32 x R 1", PE 40 x R 1¼", PE 50 x R 1 ½", PE 63 x R 2".

Primofit female adaptor

For PE-pipes SDR 11 AND SDR 17,6 with the dimensions:

PE 25 x Rp ¾", PE 32 x Rp 1", PE 40 x Rp 1¼", PE 50 x Rp 1 ½", PE 63 x Rp 2".

Primofit transition female elbow

For PE-pipes SDR 11 AND SDR 17,6 with the dimensions:

PE 25 x Rp 1", PE 32 x Rp 1".

Primofit elbow

For PE-pipes SDR 11 AND SDR 17,6 or transition fitting to steel gas pipes with the dimensions:

PE 25 x PE 25, PE 25 x st ¾", PE 32 x PE 32, PE 32 x st 1", PE 40 x PE 40 and PE 40 x st 1¼", PE 50 x st 1 1/2", PE 63 x PE 63, PE 63 x st 2".

Primofit end cap

for PE-pipes SDR 11 AND SDR 17,6 with the dimensions:

PE 25, PE 32, PE 40, PE 50, PE 63.

Primofit T-piece with inner thread-branch

For PE-pipes SDR 11 AND SDR 17,6 with the dimensions:

PE 25 x Rp ¾" x PE 25, PE 25 x Rp ¾" x st ¾", PE 32 x Rp 1" x PE 32, PE 32 x Rp 1" x st 1", PE 40 x Rp 1¼" x PE 40, PE 40 x Rp 1¼" x st 1¼",
PE 50 x Rp 1 ½" x PE 50, PE 50 x Rp 1 ½" x st 1 ½", PE 63 x Rp 2" x st 2", PE 63 x Rp 2" x PE 63.

Primofit T-piece

For PE-pipes SDR 11 AND SDR 17,6 or transition fitting to steel gas pipes with the dimensions:

PE 25 x PE 25 x PE 25, PE 25 x PE 25 x st ¾", PE 25 x st ¾" x st ¾", PE 25 x st ¾" x PE 25, PE 32 x PE 32 x PE 32, PE 32 x PE 32 x st 1",
PE 32 x st 1" x st 1", PE 32 x st 1" x PE 32 en PE 40 x PE 40 x PE 40, PE 40 x st 1¼" x PE 40, PE 40 x st 1¼" x st 1¼", PE 40 x PE 40 x st 1¼",
PE 50 x PE 50 x PE 50, PE 50 x PE 50 x st 1 ½", PE 50 x st 1 ½" x st 1 ½", PE 50 x st 1 ½" x PE 50, PE 63 x PE 63 x PE 63, PE 63 x PE 63 x st 2",
PE 63 x st 2" x st 2", PE 63 x st 2" x PE 63.

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Mechanical fittings for PE pipes

APPLICATION AND USE

mechanical fittings made of thermoplastics or metal for polyethylene piping systems for the supply of gaseous fuels as per the 2nd and 3rd family of NEN-EN 437 for pipes of nominal outside diameter less than or equal to 63 mm. The functional installation recommendations for polyethylene (PE) piping systems are laid down in NEN-EN 12007 and NEN 7244.

MARKING

Permanent marking on the fitting or on a label, ISO 10838 art. 10.3

- A traceability code in accordance with the relevant standards;
- The size of PE pipe to which the fitting is designed to be connected, its material properties and its dimensions;
- The assembly torque (if specified);
- The size of metal pipe to which the fitting is designed to be connected (DN);
- The designation of the plastics material, if necessary.

Permanent marking (e.g. by moulding or indent marking on the body of the fitting), ISO 10838 art. 10.2

- The manufacturer's name and/or trademark;
- The manufacturing batch number and/or date;
- Manufacturer's information for providing traceability;
- Identification of the moulder.
- The marking shall not affect the part to an extent that would prevent conformity of the fitting to this part of 10838.

Marking Gastec QA requirement KE 70 art. 5.

Additional marking on the body of the fitting:

- The maximum operating pressure for which the fitting is designed.

Additional marking for separate inserts:

- The SDR series and for the sizes $D_n \leq 32$ mm the nominal outside diameter x nominal wall thickness ($D_n \times e$)
- The products are marked with the GASTEC QA word mark, logo or punch mark.

Method of marking:

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 Georg Fisher Fittings GmbH
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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