



Product certificate K45999-10

Issued 2025-03-01

Replaces K45999/09

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Metal fittings for plastic piping system b Bonomi PRESS, Systempex and Idropress system

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Idrosanitaria Bonomi S.p.A.

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K536 E "Plastic piping system of PE-X/Al, for the transport of hot and cold drinking water" dated 15-12-2011, including amendment sheet dated 13-03-2018.

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

This product certificate is only valid in combination with a Kiwa certified plastic piping system.

Advice: consult www.kiwa.com in order to ensure that this certificate is still valid.

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Metal fittings for plastic piping system b Bonomi PRESS, Systempex and Idropress system

PRODUCT SPECIFICATION

The metal fitting mentioned below are applicable for the b Bonomi PRESS, Systempex and Idropress system in accordance with BRL-K536E.

4001 series, male straight fitting: outer thread x laminated pipe

1/2" x Ø16, 1/2" x Ø18, 1/2" x Ø20, 1" x Ø20, 1/2" x Ø26,
3/4" x Ø16, 3/4" x Ø18, 3/4" x Ø20, 3/4" x Ø26, 3/8" x Ø16,
1" x Ø26, 1" x Ø32, 1"1/4 x Ø32, 1"1/4 x 40, 1 1/2" x 50,
2" x 63

4002 series, female straight fitting: inner thread x laminated pipe

1/2" x Ø16, 1/2" x Ø18, 1/2" x Ø20, 3/4" x Ø16, 3/4" x Ø18, 3/4" x
Ø20, 3/4" x Ø26, 1" x Ø20, 1" x Ø26, 1" x Ø32,
1 1/4" x Ø32, 1" 1/4 x 40, 1"1/2 x 50, 2" x 63

4003 series, double straight fitting: laminated pipe x laminated pipe

16 x 16, 18 x 16, 18 x 18, 20 x 18, 20 x 20, 26 x 26,
26 x 18, 20 x 16, 26 x 16, 26 x 20, 32 x 26, 32 x 32,
32 x 16, 32 x 20, 32 x 18, 40 x 20, 40 x 26, 40 x 32,
40 x 40, 50 x 20, 50 x 26, 50 x 32, 50 x 40, 50 x 50,
63 x 40, 63 x 50, 63 x 63

4004 series, wall plate fitting: laminated pipe x laminated pipe

1/2" x Ø16, 1/2" x Ø18, 1/2" x Ø20

4005 series, fitting with bend Cu pipe: diameter Cu pipe (length pipe) x laminated pipe connection

15 (300 mm) x 16, 15 (1100 mm) x 16, 15 (300 mm) x 20, 15 (1100
mm) x 20, 15 (300 mm) x 18, 15 (1100 mm) x 18

4006 series, female straight fitting: inner thread x laminated pipe

3/8" x Ø16, 1/2" x Ø16, 1/2" x Ø18, 3/4" x Ø16, 3/4" x Ø18, 1/2" x
Ø20, 3/4" x Ø20, 1" x Ø20, 3/4" x Ø26, 1" x Ø26, 3/4" x Ø32, 1" x
Ø32, 1 1/4" x Ø32, 26 x 3/4", 26 x 1",
32 x 1", 32 x 1"1/4

4031 series, male tee fitting: laminated pipe connections

16 x 16 x 16, 16 x 18 x 16, 16 x 20 x 16, 18 x 16 x 16,
18 x 18 x 16, 18 x 18 x 18, 18 x 16 x 18, 18 x 26 x 18,
20 x 18 x 20, 20 x 18 x 18, 20 x 20 x 16, 20 x 18 x 18,
20 x 20 x 18, 20 x 20 x 20, 20 x 26 x 16, 26 x 16 x 16,
26 x 16 x 26, 26 x 18 x 18, 26 x 26 x 18, 26 x 26 x 26,
32 x 32 x 32, 32 x 18 x 18, 32 x 18 x 32, 32 x 32 x 18,
32 x 32 x 26, 20 x 16 x 16, 20 x 16 x 20, 20 x 20 x 16,
20 x 26 x 20, 26 x 18 x 26, 26 x 16 x 20, 26 x 16 x 26,
26 x 20 x 16, 26 x 20 x 20, 26 x 20 x 26, 26 x 26 x 16,
26 x 26 x 20, 26 x 32 x 26, 32 x 20 x 20, 32 x 16 x 32,
32 x 20 x 26, 32 x 20 x 32, 32 x 26 x 26, 32 x 26 x 32,
40 x 20 x 40, 40 x 26 x 40, 40 x 32 x 40, 40 x 40 x 40,
50 x 16 x 40, 50 x 20 x 50, 50 x 26 x 50, 50 x 32 x 50,
50 x 40 x 40, 50 x 40 x 50, 50 x 50 x 50, 63 x 26 x 63,
63 x 32 x 63, 63 x 40 x 63, 63 x 50 x 63, 63 x 63 x 63

4033 series, male tee fitting: laminated pipe x outer thread

16 x 1/2" x 16, 16 x 3/4" x 16, 18 x 1/2" x 18, 20 x 1/2" x 20,
20 x 3/4" x 20, 26 x 3/4" x 26, 26 x 1" x 26, 32 x 1" x 32,
32 x 1 1/4" x 32, 40 x 1"1/4 x 40, 50 x 1"1/2 x 50

4050 series, equal 45° intermediate elbow: laminated pipe x laminated pipe

Ø32 x Ø32

4051 series, elbow fitting: laminated pipe x laminated pipe

16 x 16, 18 x 18, 20 x 20, 26 x 26, 32 x 32, 40 x 40, 50 x 50, 63 x 63

4052 series, elbow fitting: laminated pipe x laminated pipe

1/2" x Ø16, 3/4" x Ø16, 3/4" x Ø18, 1/2" x Ø18, 1/2" x Ø20, 3/4" x Ø20,
1/2" x Ø26, 3/4" x Ø26, 1" x Ø26, 1/2" x Ø32, 3/4" x Ø32, 1" x Ø32,
1 1/4" x Ø32, 40 x 1"1/4, 50 x 1"1/2, 63 x 2"

4053 series, male elbow fitting: outer thread x laminated pipe

1/2" x Ø16, 3/4" x Ø16, 1/2" x Ø18, 3/4" x Ø18, 1/2" x Ø20, 3/4" x Ø20,
3/4" x Ø26, 1" x Ø26, 3/4" x Ø32, 1" x Ø32, 40 x 1"1/4, 50 x 1"1/2,
63 x 2"

4054 series, flanged female fitting: inner thread x laminated pipe

1/2" x Ø16, 3/4" x Ø16, 1/2" x Ø18, 3/4" x Ø18, 1/2" x Ø20, 3/4" x Ø20

4055 series, female tee fitting: laminated pipe x inner thread

16 x 1/2" x 16, 18 x 1/2" x 18, 20 x 1/2" x 20.

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4032 series, female tee fitting: laminated pipe x inner thread

16 x 1/2" x 16, 16 x 3/4" x 16, 18 x 1/2" x 18, 18 x 3/4" x 18, 20 x 1/2" x 20, 20 x 3/4" x 20, 26 x 1/2" x 26, 26 x 3/4" x 26, 26 x 1" x 26, 32 x 1/2" x 32, 32 x 1" x 32, 32 x 3/4" x 32, 40 x 3/4" x 40, 40 x 1" x 40, 40 x 1 1/4" x 40, 50 x 3/4" x 50, 50 x 1" x 50, 50 x 1 1/2" x 50, 63 x 3/4" x 63, 63 x 1" x 63, 63 x 2" x 63

4302 series, female straight fitting: inner thread x laminated pipe

1/2" x Ø16, 1/2" x Ø20

4331 series, male tee fitting: laminated pipe connections

16 x 16 x 16, 20 x 16 x 20, 20 x 20 x 20

4352 series, female elbow fitting: outer thread x laminated pipe

1/2" x Ø16, 1/2" x Ø20, 3/4" x Ø20

4353 series, male elbow fitting: outer thread x laminated pipe

1/2" x Ø16

4301 series, male straight fitting: outer thread x laminated pipe

1/2" x Ø16, 1/2" x Ø20, 3/4" x Ø20

4354 series, female elbow flanged fitting: inner thread x laminated pipe

1/2" x Ø16

4056 series, elbow fitting: outer thread x laminated pipe

3/8"x16, 1/2"x16, 3/4"x16, 1/2"x18, 3/4"x18, 1/2"x20, 3/4"x20, 1"x20, 1/2"x26, 3/4"x26, 1"x26, 3/4"x32, 1"x32, 1"1/4"x32, 16 x 1/2", 16 x 3/4", 20 x 1/2", 20 x 3/4", 26 x 3/4", 26 x 1", 32 x 1", 32 x 1 1/4"

9660 series, straight fitting: outer thread x laminated pipe

M22 x 1,5 x 16, M22 x 1,5 x 18, M22 x 1,5 x 20, 1/2" x 16, 1/2" x 18, 1/2" x 20, 3/4" x 16, 3/4" x 18, 3/4" x 20, 3/4" x 26, 3/4" x 32

Metal fittings for plastic piping system b Bonomi PRESS, Systempex and Idropress system

Male straight fitting

60011653	Male straight fitting of 3/8"x16
60011654	Male straight fitting of da 1/2"x16
60011656	Male straight fitting of 3/4"x16
60012054	Male straight fitting of 1/2"x20
60012056	Male straight fitting of 3/4"x20
60012654	Male straight fitting of 1/2"x26
60012656	Male straight fitting of 3/4"x26
60012658	Male straight fitting of 1"x26
60013256	Male straight fitting of 3/4"x32
60013258	Male straight fitting of 1"x32

Intermediate straight fitting and reduced fitting

60031616	Intermediate straight fitting of 16x16
60032016	Intermediate straight & reduced fitting of 20x16
60032020	Intermediate straight fitting of 20x20
60032616	Intermediate straight & reduced fitting of 26x16
60032620	Intermediate straight & reduced fitting of 26x20
60032626	Intermediate straight fitting of 26x26
60033216	Intermediate straight & reduced fitting of 32X16
60033220	Intermediate straight & reduced fitting of 32X20
60033226	Intermediate straight & reduced fitting of 32X26
60033232	Intermediate straight fitting of 32x32

Female tee fitting

6032165416	Female tee fitting of 16-1/2"-16
6032205420	Female tee fitting of 20-1/2"-20
6032205620	Female tee fitting of 20-3/4"-20
6032265426	Female tee fitting of 26-1/2"-26
6032265626	Female tee fitting of 26-3/4"-26
6032265826	Female tee fitting of 26-1"-26
6032325432	Female tee fitting of 32-1/2"-32
6032325632	Female tee fitting of 32-3/4"-32
6032325832	Female tee fitting of 32-1"-32

Equal 45° intermediate elbow fitting

60502626	Equal 45° intermediate elbow fitting of 26x26
60503232	Equal 45° intermediate elbow fitting of 32x32

Female straight fitting

60021654	Female straight fitting of 1/2"x16
60021656	Female straight fitting of 3/4"x16
60022054	Female straight fitting of 1/2"x20
60022056	Female straight fitting of 3/4"x20
60022058	Female straight fitting of 1"x20
60022656	Female straight fitting of 3/4"x26
60022658	Female straight fitting of 1"x26
60023258	Female straight fitting of 1"x32
60023260	Female straight fitting of 1.1/4"x32

Cap fitting

60091600	Cap fitting installation test of 16
60092000	Cap fitting installation test of 20
60092600	Cap fitting installation test of 26
60093200	Cap fitting installation test of 32

Equal tee fitting and T reduced

6031161616	Equal tee fitting of 16x16x16
6031162016	Reduced tee fitting of 16x20x16
6031201616	Reduced tee fitting of 20x16x16
6031201620	Reduced tee fitting of 20x16x20
6031202016	Reduced tee fitting of 20x20x16
6031202020	Equal tee fitting of 20x20x20
6031202620	Reduced tee fitting of 20x26x20
6031261616	Reduced tee fitting of 26x16x16
6031261620	Reduced tee fitting of 26x16x20
6031261626	Reduced tee fitting of 26x16x26
6031262016	Reduced tee fitting of 26x20x16
6031262020	Reduced tee fitting of 26x20x20
6031262026	Reduced tee fitting of 26x20x26
6031262616	Reduced tee fitting of 26x26x16
6031262620	Reduced tee fitting of 26x26x20
6031262626	Equal tee fitting of 26x26x26
6031263226	Reduced tee fitting of 26x32x26
6031321632	Reduced tee fitting of 32x16x32
6031322020	Reduced tee fitting of 32x20x20
6031322026	Reduced tee fitting of 32x20x26
6031322032	Reduced tee fitting of 32x20x32
6031322626	Reduced tee fitting of 32x26x26
6031322632	Reduced tee fitting of 32x26x32
6031323232	Equal tee fitting of 32x32x32

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Female elbow fitting

60521654	Female elbow fitting of 16-1/2"
60522054	Female elbow fitting of 20-1/2"
60522056	Female elbow fitting of 20-3/4"
60522656	Female elbow fitting of 26-3/4"
60522658	Female elbow fitting of 26-1"
60523258	Female elbow fitting of 32-1"

Female flanged elbow fitting

60541654	Female flanged elbow fitting of 16x1/2"
60542054	Female flanged elbow fitting of 20x1/2"
60542056	Female flanged elbow fitting of 20x3/4"
60542656	Female flanged elbow fitting of 26x3/4"

Female flanged elbow fitting prolonged

60581654	Female flanged elbow fitting prolonged of 16x1/2"
60582054	Female flanged elbow fitting prolonged of 20x1/2"

Straight and shaped bracket fittings

60041654XA	Elbow fitting of 16x1/2" for bracket
60042054XA	Elbow fitting of 20x1/2" for bracket
60241654	Elbow fitting of 16x1/2" with bracket
60242054	Elbow fitting of 20x1/2" with bracket
60251654	Elbow fitting of 16x1/2" with bracket
60252054	Elbow fitting of 20x1/2" with bracket

Straight fitting with revolving nut

60061603	Straight fitting with revolving nut of 16x3/8"
60061604	Straight fitting with revolving nut of 16x1/2"
60061606	Straight fitting with revolving nut of 16x3/4"
60062004	Straight fitting with revolving nut of 20x1/2"
60062006	Straight fitting with revolving nut of 20x3/4"
60062606	Straight fitting with revolving nut of 26x3/4"
60062608	Straight fitting with revolving nut of 26x1"
60063208	Straight fitting with revolving nut of 32x1"
60063210	Straight fitting with revolving nut of 32x1,1/4"

Straight fitting with revolving nut and OR

60401600	Straight fitting with revolving nut of 16-M22x1,5
60402000	Straight fitting with revolving nut of 20-M22x1,5
60402600	Straight fitting with revolving nut of 26-M22x1,5

Straight fitting with copper pipe

60050316	Fitting 16x2 with TuCu Ø15 L.300
60050320	Fitting 20x2 with TuCu Ø15 L.300
60051116	Fitting 16x2 with TuCu Ø15 L.1100

Male tee fitting

6033165316	Male tee fitting of 16-3/8"-16
6033165416	Male tee fitting of 16-1/2"-16
6033165616	Male tee fitting of 16-3/4"-16
6033205420	Male tee fitting of 20-1/2"-20
6033205620	Male tee fitting of 20-3/4"-20
6033265620	Male tee fitting of 26-3/4"-26
6033325832	Male tee fitting of 32-1"-32

Equal 90° intermediate elbow fitting

60511616	Equal 90° intermediate elbow fitting of 16x16
60512020	Equal 90° intermediate elbow fitting of 20x20
60512626	Equal 90° intermediate elbow fitting of 26x26
60513232	Equal 90° intermediate elbow fitting of 32x32

Male elbow fitting

60531653	Male elbow fitting of 16-3/8"
60531654	Male elbow fitting of 16-1/2"
60532054	Male elbow fitting of 20-1/2"
60532056	Male elbow fitting of 20-3/4"
60532656	Male elbow fitting of 26-3/4"
60532658	Male elbow fitting of 26-1"
60533258	Male elbow fitting of 32-1"

Female flanged double elbow fitting

60551654	Female flanged double elbow fitting of 16x1/2"
60552054	Female flanged double elbow fitting of 20x1/2"

Elbow fitting with revolving nut

60561604	Elbow fitting with revolving nut of 16x1/2"
60561606	Elbow fitting with revolving nut of 16x3/4"
60562004	Elbow fitting with revolving nut of 20x1/2"
60562006	Elbow fitting with revolving nut of 20x3/4"
60562606	Elbow fitting with revolving nut of 26x3/4"
60562608	Elbow fitting with revolving nut of 26x1"
60563208	Elbow fitting with revolving nut of 32x1"
60563210	Elbow fitting with revolving nut of 32x1,1/4"

Elbow fitting with revolving nut and OR

60411600	Elbow fitting with revolving nut of 16-M22x1,5
60412000	Elbow fitting with revolving nut of 20-M22x1,5
60412600	Elbow fitting with revolving nut of 26-M22x1,5

Transition fitting with copper

60271666	Transition fitting of 16x2 - TuCu Ø15 M
60272069	Transition fitting of 20x2 - TuCu Ø22 M

Metal fittings for plastic piping system b Bonomi PRESS, Systempex and Idropress system

Standard Equal tee fitting and T reduced

6084161616	Equal tee fitting of 16x16x16
6084162016	Reduced tee fitting of 16x20x16
6084201616	Reduced tee fitting of 20x16x16
6084201620	Reduced tee fitting of 20x16x20
6084202016	Reduced tee fitting of 20x20x16
6084202020	Equal tee fitting of 20x20x20
6084202620	Reduced tee fitting of 20x26x20
6084261616	Reduced tee fitting of 26x16x16
6084261620	Reduced tee fitting of 26x16x20
6084261626	Reduced tee fitting of 26x16x26
6084262016	Reduced tee fitting of 26x20x16
6084262020	Reduced tee fitting of 26x20x20
6084262026	Reduced tee fitting of 26x20x26
6084262616	Reduced tee fitting of 26x26x16
6084262620	Reduced tee fitting of 26x26x20
6084262626	Equal tee fitting of 26x26x26
6084263226	Reduced tee fitting of 26x32x26
6084321632	Reduced tee fitting of 32x16x32
6084322020	Reduced tee fitting of 32x20x20
6084322026	Reduced tee fitting of 32x20x26
6084322032	Reduced tee fitting of 32x20x32
6084322626	Reduced tee fitting of 32x26x26
6084322632	Reduced tee fitting of 32x26x32
6084323232	Equal tee fitting of 32x32x32

Standard Female elbow fitting

60881654	Female elbow fitting of 16-1/2"
60882054	Female elbow fitting of 20-1/2"
60882056	Female elbow fitting of 20-3/4"
60882656	Female elbow fitting of 26-3/4"
60882658	Female elbow fitting of 26-1"
60883258	Female elbow fitting of 32-1"

Standard Female tee fitting

6085165416	Female tee fitting of 16-1/2"-16
6085205420	Female tee fitting of 20-1/2"-20
6085205620	Female tee fitting of 20-3/4"-20
6085265426	Female tee fitting of 26-1/2"-26
6085265626	Female tee fitting of 26-3/4"-26
6085265826	Female tee fitting of 26-1"-26
6085325432	Female tee fitting of 32-1/2"-32
6085325632	Female tee fitting of 32-3/4"-32
6085325832	Female tee fitting of 32-1"-32

Standard Male tee fitting

6086165316	Male tee fitting of 16-3/8"-16
6086165416	Male tee fitting of 16-1/2"-16
6086165616	Male tee fitting of 16-3/4"-16
6086205420	Male tee fitting of 20-1/2"-20
6086205620	Male tee fitting of 20-3/4"-20
6086265626	Male tee fitting of 26-3/4"-26
6086325832	Male tee fitting of 32-1"-32

Standard Equal 90° intermediate elbow fitting

60871616	Equal 90° intermediate elbow fitting of 16x16
60872020	Equal 90° intermediate elbow fitting of 20x20
60872626	Equal 90° intermediate elbow fitting of 26x26
60873232	Equal 90° intermediate elbow fitting of 32x32

Standard Male elbow fitting

60891653	Male elbow fitting of 16-3/8"
60891654	Male elbow fitting of 16-1/2"
60892054	Male elbow fitting of 20-1/2"
60892056	Male elbow fitting of 20-3/4"
60892656	Male elbow fitting of 26-3/4"
60892658	Male elbow fitting of 26-1"
60893258	Male elbow fitting of 32-1"

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Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" dated 01-07-2017 ("Materials and chemicals in the supply of drinking water and warm tap water Regulation"), published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:





- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

MARKING

The products shall be marked with the Kiwa-mark.

The minimum required marking on every fitting shall be:

KIWA  or on small products  or  or KK* or KK * (if not possible, **KIWA**  only on the smallest packaging unit)**;

- manufacturer's name, trade name or logo;
- nominal outside diameter of the corresponding pipe in mm;
- production code.

The smallest packaging unit of the fittings shall be provided with at least the following information:

KIWA  ;

- manufacturer's name, trade name, system name, logo or certificate number of the accompanying technical approval (system)certificate, in accordance with the marking of the connecting pipe;
- nominal outside diameter and nominal wall thickness of the corresponding pipe, in mm.

*) for small fittings marking with only KK is permitted

**) only after approval by Kiwa

Method of marking:

- non-erasable;
- visible after assembly.

APPLICATION AND USE

The products are intended to be applied in piping systems for hot and cold water distribution at a maximum operating pressure of 8 or 10 bar (9 or 11 bar absolute or 8 or 10 bar overpressure), under the conditions mentioned in table 1 of BRL-K536 E. For the application and making of connections, the guidelines of the manufacturer of the products have to be followed. In addition to this, only, PE-X/Al pipes mentioned in the Kiwa system certificates for the b Bonomi PRESS, Systempex and Idropress system shall be used.

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:

- Idrosanitaria Bonomi S.p.A.

And, if necessary,

- Kiwa Nederland B.V.

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