



Product certificate K13936/03

Issued 2020-09-15

Replaces K13936/02

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Metal fittings for plastics piping systems

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

Henco Industries N.V.

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 "Plastics piping systems of PE-X/ Al intended for transport of hot and cold drinking water" dated 15-12-2011, including amendment sheet dated 13-03-2018.

Ron Scheepers
Kiwa

*This product certificate is only valid in combination with a Kiwa certified plastics piping system.
Advice: consult www.kiwa.nl 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

PRODUCT SPECIFICATION

The products mentioned below belong to this technical approval-with-product certificate.

PRESS FITTINGS

The following fittings are according to BRL-K536E: Plastics piping systems of PE-X /Al intended for transport of hot and cold drinking water; and BRL-K536G: Plastics piping systems of PE-RT /Al intended for transport of hot and cold drinking water.

Article	Product description	Size			
10P-161416	T-reduced centre	16x14x16	16P-1816	Reducing coupling	18x16
10P-181418	T-reduced centre	18x14x18	16P-2014	Reducing coupling	20x14
10P-181618	T-reduced centre	18x16x18	16P-2016	Reducing coupling	20x16
10P-201620	T-reduced centre	20x16x20	16P-2018	Reducing coupling	20x18
10P-201820	T-reduced centre	20x18x20	16P-2616	Reducing coupling	26x16
10P-261626	T-reduced centre	26x16x26	16P-2618	Reducing coupling	26x18
10P-261826	T-reduced centre	26x18x26	16P-2620	Reducing coupling	26x20
10P-262026	T-reduced centre	26x20x26	16P-3216	Reducing coupling	32x16
10P-321632	T-reduced centre	32x16x32	16P-3220	Reducing coupling	32x20
10P-321832	T-reduced centre	32x18x32	16P-3226	Reducing coupling	32x26
10P-322032	T-reduced centre	32x20x32	17P-1403	Straight male adapter	14x3/8"
10P-322632	T-reduced centre	32x26x32	17P-1404	Straight male adapter	14x1/2"
11P-161414	T-branch and line reduced	16x14x14	17P-1603	Straight male adapter	16x3/8"
11P-181616	T-branch and line reduced	18x16x16	17P-1604	Straight male adapter	16x1/2"
11P-201616	T-branch and line reduced	20x16x16	17P-1804	Straight male adapter	18x1/2"
11P-201818	T-branch and line reduced	20x18x18	17P-1805	Straight male adapter	18x3/4"
11P-202016	T-branch and line reduced	20x20x16	17P-2004	Straight male adapter	20x1/2"
11P-261620	T-branch and line reduced	26x16x20	17P-2005	Straight male adapter	20x3/4"
11P-262020	T-branch and line reduced	26x20x20	17P-2605	Straight male adapter	26x3/4"
11P-262616	T-branch and line reduced	26x26x16	17P-2606	Straight male adapter	26x1"
11P-262620	T-branch and line reduced	26x26x20	17P-3206	Straight male adapter	32x1"
11P-322026	T-branch and line reduced	32x20x26	17P-3207	Straight male adapter	32x5/4"
11P-322626	T-branch and line reduced	32x26x26	18P-1404	Straight female adapter	14x1/2"
12P-161816	T-enlarged branch	16x18x16	18P-1604	Straight female adapter	16x1/2"
12P-162016	T-enlarged branch	16x20x16	18P-1804	Straight female adapter	18x1/2"
12P-202620	T-enlarged branch	20x26x20	18P-1805	Straight female adapter	18x3/4"
12P-263226	T-enlarged branch	26x32x26	18P-2004	Straight female adapter	20x1/2"
13P-160416	T-with female branch	16x1/2"x16	18P-2005	Straight female adapter	20x3/4"
13P-200420	T-with female branch	20x1/2"x20	18P-2605	Straight female adapter	26x3/4"
13P-200520	T-with female branch	20x3/4"x20	18P-2606	Straight female adapter	26x1"
13P-260420	T-with female branch	26x1/2"x20	18P-3206	Straight female adapter	32x1"
13P-260426	T-with female branch	26x1/2"x26	18P-3207	Straight female adapter	32x5/4"
13P-260526	T-with female branch	26x3/4"x26	1P-1414	Elbow 90°	14x14
13P-320532	T-with female branch	32x3/4"x32	1P-1616	Elbow 90°	16x16
13P-320632	T-with female branch	32x1"x32	1P-1818	Elbow 90°	18x18
13P-320732	T-with female branch	32x5/4"x32	1P-2020	Elbow 90°	20x20
14P-160416	T-with male branch	16x1/2"x16	1P-2626	Elbow 90°	26x26
14P-180418	T-with male branch	18x1/2"x18	1P-3232	Elbow 90°	32x32
14P-200420	T-with male branch	20x1/2"x20	26P-14Z04	Press fitting swivel adapter	14x1/2"
14P-200520	T-with male branch	20x3/4"x20	26P-1604	Press fitting self-filling	16x1/2"
14P-260426	T-with male branch	26x1/2"x26	26P-1605	Press fitting self-filling	16x3/4"
14P-260526	T-with male branch	26x3/4"x26	26P-16Z03	Press fitting swivel adapter	16x3/8"
14P-260626	T-with male branch	26x1"x26	26P-16Z04	Press fitting swivel adapter	16x1/2"
14P-320532	T-with male branch	32x3/4"x32	26P-16Z05	Press fitting swivel adapter	16x3/4"
14P-320632	T-with male branch	32x1"x32	26P-1805	Press fitting self-filling	18x3/4"
15P-1414	Straight coupling	14x14	26P-18Z05	Press fitting swivel adapter	18x3/4"
15P-1616	Straight coupling	16x16	26P-2004	Press fitting self-filling	20x1/2"
15P-1818	Straight coupling	18x18	26P-2005	Press fitting self-filling	20x3/4"
15P-2020	Straight coupling	20x20	26P-20Z04	Press fitting swivel adapter	20x1/2"
15P-2626	Straight coupling	26x26	26P-20Z05	Press fitting swivel adapter	20x3/4"
15P-3232	Straight coupling	32x32	26P-2605	Press fitting self-filling	26x3/4"
16P-1614	Reducing coupling	16x14	26P-2606	Press fitting self-filling	26x1"
			26P-26Z06	Press fitting swivel adapter	26x1"

Metal fittings

26P-3206	Press fitting self-filling	32x1"	35P-1612P	Press-fit adapter to copper press (M-profile)	16x12Cu M-profile
26P-32Z06	Press fitting swivel adapter	32x1"			
26P-32Z07	Press fitting swivel adapter	32x5/4"	35P-1615P	Press-fit adapter to copper press (M-profile)	16x15Cu M-profile
27P-2626	45° bend	26x26			
27P-3232	45° bend	32x32	35P-2018P	Press-fit adapter to copper press (M-profile)	20x18Cu M-profile
	Double backplate elbow	14x1/2"x16x1/2"			
28P-14041604	female, build-up	(153)	35P-2022P	Press-fit adapter to copper press (M-profile)	20x22Cu M-profile
	Double backplate elbow	16x1/2"x16x1/2"			
28P-16041604	female, build-up	(153)	35P-2622P	Press-fit adapter to copper press (M-profile)	26x22Cu M-profile
28PV-	Double backplate elbow	16x3/8"x16x3/8"			
16031603	female, build-in	(120)	35P-3228P	Press-fit adapter to copper press (M-profile)	32x28Cu M-profile
28PV-	Double backplate elbow	16x1/2"x16x1/2"			
16041604	female, build-in	(153)	37P-1412	Press-fit adapter to copper pipe, elbow	14x12 Cu (85mm)
	Press-fit adapter with copper pipe for compression fittings	16x15 (50mm)	37P-1412L	Press-fit adapter to copper pipe, elbow	14x12 Cu (227mm)
29P-1615	Press-fit adapter with copper pipe for compression fittings	20x22 (50mm)	37P-1612L	Press-fit adapter to copper pipe, elbow	16x12 Cu (227mm)
29P-2022	Press-fit adapter with copper pipe for compression fittings	26x22 (50mm)	37P-1615L	Press-fit adapter to copper pipe, elbow	16x15 Cu (227mm)
29P-2622	Backplate elbow female, short model	14x1/2" (35 mm)	3P-160416		16x1/2"x16 (52 mm)
2P-1404K		16x1/2" (52 mm)		Double backplate elbow female	20x1/2"x20 (52 mm)
2P-1604	Backplate elbow female	16x1/2" (35 mm)	3P-200420		
	Backplate elbow female, short model	18x1/2" (52 mm)	40P-1615S	Double backplate elbow female	
2P-1604K		20x1/2" (52 mm)	40P-2022S	Press-fit elbow to copper compression	16x15 Cu
2P-1804	Backplate elbow female	20x3/4" (52 mm)	40P-2622S	Press-fit elbow to copper compression	20x22 Cu
2P-2004	Backplate elbow female	26x3/4" (52 mm)	4P-1604	Press-fit elbow to copper compression	26x22 Cu
2P-2005	Backplate elbow female	26x3/4" (52 mm)	4P-1804	Backplate elbow female, extended model	16x1/2" (78 mm)
2P-2605	Backplate elbow female		4P-2004	Backplate elbow female, extended model	18x1/2" (78 mm)
	Press-fit adapter to copper compression	16x14 Cu		Backplate elbow female, extended model	20x1/2" (78 mm)
30P-1614S	Press-fit adapter to copper compression	16x15 Cu	52P16	Easy mounting/repair fitting	16x16
30P-1615S	Press-fit adapter to copper compression	20x22 Cu	52P20	Easy mounting/repair fitting	20x20
30P-2022S	Press-fit adapter to copper compression	26x22 Cu	52P26	Easy mounting/repair fitting	26x26
30P-2622S	Press-fit adapter to copper compression	16x16x16	52P32	Easy mounting/repair fitting	32x32
31P-161616	Double crossover tee	16x16x20	5P-1404	Bent 90° male adapter	14x1/2"
31P-161620	Double crossover tee	20x16x16	5P-1603	Bent 90° male adapter	16x3/8"
31P-201616	Double crossover tee	20x16x20	5P-1604	Bent 90° male adapter	16x1/2"
31P-201620	Double crossover tee	20x20x20	5P-1804	Bent 90° male adapter	18x1/2"
31P-202020	Double crossover tee	16x15Cu V-profile	5P-2004	Bent 90° male adapter	20x1/2"
	Press-fit adapter to copper press (V-profile)	20x22Cu V-profile	5P-2005	Bent 90° male adapter	20x3/4"
32P-1615P	Press-fit adapter to copper press (V-profile)	26x22Cu V-profile	5P-2605	Bent 90° male adapter	26x3/4"
32P-2022P	Press-fit adapter to copper press (V-profile)		5P-3206	Bent 90° male adapter	32x1"
32P-2622P	Press-fit adapter to copper press (V-profile)		6P-1404	Bent 90° female adapter	14x1/2"
	Henco press swivel adapter with flat sealing, 90°	16x1/2"	6P-1604	Bent 90° female adapter	16x1/2"
34P-1604	Henco press swivel adapter with flat sealing, 90°	16x3/4"	6P-1804	Bent 90° female adapter	18x1/2"
34P-1605	Henco press swivel adapter with flat sealing, 90°	20x3/4"	6P-2004	Bent 90° female adapter	20x1/2"
34P-2005	Henco press swivel adapter with flat sealing, 90°		6P-2005	Bent 90° female adapter	20x3/4"
	Henco press swivel adapter with flat sealing, 90°		6P-2605	Bent 90° female adapter	26x3/4"
34P-3206	Henco press swivel adapter with flat sealing, 90°	32x1"	6P-3206	Bent 90° female adapter	32x1"
			7P-1605	Backplate elbow male	16x3/4" (78 mm)
			7P-1605K	Backplate elbow male	16x3/4" (65 mm)

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7P-1805	Backplate elbow male	18x3/4" (78 mm)	9P-181818	T-piece	18x18x18
			9P-202020	T-piece	20x20x20
7P-2005	Backplate elbow male	20x3/4" (78 mm)	9P-262626	T-piece	26x26x26
			9P-323232	T-piece	32x32x32
8P-1604	Sanitary adapter female	16x1/2"			
9P-141414	T-piece	14x14x14			
9P-161616	T-piece	16x16x16			

Metal fittings

THREADED FITTINGS AND EUROKONUS FITTINGS

The following fittings are according to BRL-K536E: Plastics piping systems of PE-X /AI intended for transport of hot and cold drinking water; and BRL-K536G: Plastics piping systems of PE-RT /AI intended for transport of hot and cold drinking water.

Article	Product description	Size			
1-1403C	Straight male adapter	14x3/8" + o-ring	9-180418	T-female branch	18x1/2"x18
1-1404	Straight male adapter	14x1/2" + o-ring	9-180518	T-female branch	18x3/4"x18
1-1604	Straight male adapter	16x1/2" + o-ring	9-200420	T-female branch	20x1/2"x20
1-1604Z	Straight male adapter	16x1/2"	9-200520	T-female branch	20x3/4"x20
1-1605	Straight male adapter	16x3/4"	9-260526	T-female branch	26x3/4"x26
1-1804	Straight male adapter	18x1/2" + o-ring	9-260626	T-female branch	26x1"x26
1-1805	Straight male adapter	18x3/4"	9-320632	T-female branch	32x1"x32
1-2004	Straight male adapter	20x1/2" + o-ring	10-161404SN	Nut, insert and jointing ring	14x1/2"
1-2004Z	Straight male adapter	20x1/2"	10-1604SN	Nut, insert and jointing ring	16x1/2"
1-2005	Straight male adapter	20x3/4"	11-160416	T-male branch	16x1/2"x16
1-2605	Straight male adapter	26x3/4"	11-200420	T-male branch	20x1/2"x20
1-2606	Straight male adapter	26x1"	11-200520	T-male branch	20x3/4"x20
1-3206	Straight male adapter	32x1"	11-260526	T-male branch	26x3/4"x26
2-1414	Straight coupling	14x14	11-260626	T-male branch	26x1"x26
2-1616	Straight coupling	16x16	11-320632	T-male branch	32x1"x32
2-1818	Straight coupling	18x18		Nut, insert and jointing ring to copper compression	14x15 Cu
2-2020	Straight coupling	20x20	13-1415	Nut, insert and jointing ring to copper compression	16x15 Cu
2-2626	Straight coupling	26x26	13-1615A	Nut, insert and jointing ring to copper compression	16x15 Cu
2-3232	Straight coupling	32x32	13-1615HA	Nut, insert and jointing ring to copper compression	16x15 Cu
3-1403C	Straight female adapter	14x3/8"	13-2022HA	Nut, insert and jointing ring to copper compression	20x22 Cu
3-1404	Straight female adapter	14x1/2"	13-2628H	Nut, insert and jointing ring to copper compression	26x28 Cu
3-1604	Straight female adapter	16x1/2"		Adapter for Henco compression to copper	
3-1804	Straight female adapter	18x1/2"	13-V2622H	compression	26x22 Cu
3-2004	Straight female adapter	20x1/2"		Compression coupling	
3-2005	Straight female adapter	20x3/4"	24-1410	Henco x copper tube	14x10 Cu
3-2605	Straight female adapter	26x3/4"	24-1615	Compression coupling	16x15 Cu
3-2606	Straight female adapter	26x1"	24-2022	Henco x copper tube	20x22 Cu
3-3206	Straight female adapter	32x1"	24-2622	Compression coupling	26x22 Cu
4-1414	Elbow 90°	14x14	24-2628	Henco x copper tube	26x28 Cu
4-1616	Elbow 90°	16x16	25-14141414	Cross T	14x14x14x14
4-1818	Elbow 90°	18x18	25-16161616	Cross T	16x16x16x16
4-2020	Elbow 90°	20x20	25-18181818	Cross T	18x18x18x18
4-2626	Elbow 90°	26x26	25-20202020	Cross T	20x20x20x20
4-3232	Elbow 90°	32x32	28-181618	T-reduced centre	18x16x18
5-1404	Bent 90° male adapter	14x1/2"	28-201616	T-reduced centre	20x16x16
5-1604	Bent 90° male adapter	16x1/2"	28-201620	T-reduced centre	20x16x20
5-1804	Bent 90° male adapter	18x1/2"	28-202016	T-reduced centre	20x20x16
5-2005	Bent 90° male adapter	20x3/4"	28-261626	T-reduced centre	26x16x26
5-2605	Bent 90° male adapter	26x3/4"	28-262026	T-reduced centre	26x20x26
5-2606	Bent 90° male adapter	26x1"	28-322632	T-reduced centre	32x26x32
5-3206	Bent 90° male adapter	32x1"			
6-1404	Bent 90° female adapter	14x1/2"			
6-1604	Bent 90° female adapter	16x1/2"			
6-1804	Bent 90° female adapter	18x1/2"			
6-1805	Bent 90° female adapter	18x3/4"			
6-2004	Bent 90° female adapter	20x1/2"			
6-2005	Bent 90° female adapter	20x3/4"			
6-2605	Bent 90° female adapter	26x3/4"			
6-2606	Bent 90° female adapter	26x1"			
6-3206	Bent 90° female adapter	32x1"			
7-1404	Backplate elbow with branch connection	14x1/2"	Article	Eurokonus fittings:	
7-1604	Backplate elbow with branch connection	16x1/2"	EKH16	Product description	Size
7-1804	Backplate elbow with branch connection	18x1/2"	EK15	Brass eurocone (3/4"F)	Ø16
7-2004	Backplate elbow with branch connection	20x1/2"	AB1420	Eurocone (3/4"F) for copper tube 15mm	Ø15
7-2005	Backplate elbow with branch connection	20x3/4"	ABE004	Bent 90° eurocone elbow (3/4"M)	3/4"x3/4" for EK
7-160416	Double backplate elbow with branch connection	16x1/2"x16	AT1420	Bent 90° eurocone (3/4"M) x 1/2" male adapter	1/2"x3/4" - 1/2"
8-141414	T-piece	14x14x14	AD-EKEK	Eurocone equal T	3/4"x3/4"x3/4"
8-161616	T-piece	16x16x16		Eurocone straight coupling (3/4"M)	3/4"x3/4" for EK
8-181818	T-piece	18x18x18	AN1420	Straight eurocone connection (3/4"M) to 1/2" male adapter	1/2"x3/4" for EK
8-202020	T-piece	20x20x20		Double backplate elbow female, 2x eurocone connection	3/4"x1/2"x3/4"
8-262626	T-piece	26x26x26	3EK-050405		
8-323232	T-piece	32x32x32			
9-140414	T-female branch	14x1/2"x14			
9-160416	T-female branch	16x1/2"x16			

Metal fittings

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" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation" dated 01-07-2017; 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 minimum required marking on the fittings shall be:

KIWA  or on small products  or  * 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.

Location of the marks: on every fitting.

The realization of the marks is as follows: clear, durable and indelible.

The smallest packaging unit of the fittings are 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.

Location of the marks: on every package.

The realization of the marks is as follows: clear, durable and indelible.

*) for small fittings marking with only KK is permitted

**) only after approval by Kiwa

APPLICATION AND USE

The products are intended to be applied in piping systems for hot and cold water distribution at a design pressure (= 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-536E or BRL-536G.

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:

- Henco Industries N.V.

and, if necessary,

- Kiwa Nederland B.V.

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