



Product certificate K109333/01

Issued 2022-02-15

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METALGRUP metal fittings for plastics piping 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

MT Valves and Fittings

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 systems of PE-X/Al intended for the transport of hot and cold drinking water" dated 15-12-2011 inclusive amendment sheet dated 04-11-2009.

which covers the requirements of

EN 1254: 2012 "Copper and copper alloys - Plumbing fittings - Part 8: Fittings with press ends for use with plastics and multilayer pipes".

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

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

CERTIFICATE

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

METALGRUP metal fittings for plastics piping system**Technical specification**

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

Equal Elbow

Article code	Description
642090016	Equal Elbow 90° Ø16x2
642090020	Equal Elbow 90° Ø20x2
642090026	Equal Elbow 90° Ø26x3
642090032	Equal Elbow 90° Ø32x3

Male Elbow

Article code	Description
64209201615	Male Elbow 90° Ø16x1/2"
64209201620	Male Elbow 90° Ø16x3/4"
64209202015	Male Elbow 90° Ø20x1/2"
64209202020	Male Elbow 90° Ø20x3/4"
64209202620	Male Elbow 90° Ø26x3/4"
64209202625	Male Elbow 90° Ø26x1"
64209203225	Male Elbow 90° Ø32x1"

Female Elbow

Article code	Description
64209101615	Female Elbow 90° Ø16x1/2"
64209101620	Female Elbow 90° Ø16x3/4"
64209102015	Female Elbow 90° Ø20x1/2"
64209102020	Female Elbow 90° Ø20x3/4"
64209102620	Female Elbow 90° Ø26x3/4"
64209102625	Female Elbow 90° Ø26x1"
64209103225	Female Elbow 90° Ø32x1"

Wallplate elbow

Article code	Description
64250001615	Wall Plated Female Elbow 90° Ø16x1/2"
64250002015	Wall Plated Female Elbow 90° Ø20x1/2"
64250002020	Wall Plated Female Elbow 90° Ø20x3/4"

Straight connector

Article code	Description
642270016	Straight coupling Ø16x2
642270020	Straight coupling Ø20x2
642270026	Straight coupling Ø26x3
642270032	Straight coupling Ø32x3

Male straight connector

Article code	Description
64227201615	Male Str. connector Ø16x1/2"
64227201620	Male Str. connector Ø16x3/4"
64227202015	Male Str. connector Ø20x1/2"
64227202020	Male Str. connector Ø20x3/4"
64227202620	Male Str. connector Ø26x3/4"
64227202625	Male Str. connector Ø26x1"
64227203225	Male Str. connector Ø32x1"

Reducing straight coupling

Article code	Description
64227302016	Reducing straight coupling Ø20xØ16

64227302620	Reducing straight coupling Ø25xØ20
64227303225	Reducing straight coupling Ø32xØ25
64227303226	Reducing straight coupling Ø32xØ26

Straight connector L/N

Article code	Description
64227401615	Str. Connector Ø16x2 - 1/2" L/N
64227401620	Str. Connector Ø16x2 - 3/4" L/N
64227402016	Str. Connector Ø20x2 - 1/2" L/N
64227402020	Str. Connector Ø20x2 - 3/4" L/N
64227402620	Str. Connector Ø26x3 - 3/4" L/N
64227402625	Str. Connector Ø26x3 - 1" L/N
64227403226	Str. Connector Ø32x3 - 1" L/N

Tee

Article code	Description
642130016	Equal Tee Ø16x2
642130020	Equal Tee Ø20x2
642130026	Equal Tee Ø26x3
642130032	Equal Tee Ø32x3

Female Tee

Article code	Description
64213101615	Female Tee Ø16x1/2"
64213102015	Female Tee Ø20x1/2"
64213102020	Female Tee Ø20x3/4"
64213102620	Female Tee Ø26x3/4"
64213102625	Female Tee Ø26x1"
64213103225	Female Tee Ø32x1"

Male Tee

Article code	Description
64213201615	Male Tee Ø16x1/2"
64213202015	Male Tee Ø20x1/2"
64213202020	Male Tee Ø20x3/4"
64213202620	Male Tee Ø26x3/4"
64213202625	Male Tee Ø26x1"
64213203225	Male Tee Ø32x1"

Reducing Tee

Article code	Description
64213301620	Reducing Tee Ø16x20x16
64213401620	Reducing Tee Ø20x16x16
64213302016	Reducing Tee Ø20x16x20
64213502016	Reducing Tee Ø20x20x16
64213302616	Reducing Tee Ø26x16x26
64213302620	Reducing Tee Ø26x20x26
64213402620	Reducing Tee Ø26x20x20
64213502620	Reducing Tee Ø26x26x20
64213303216	Reducing Tee Ø32x16x32
64213303220	Reducing Tee Ø32x20x32
64213303225	Reducing Tee Ø32x25x32
64213303226	Reducing Tee Ø32x26x32

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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" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation" dated 01-07-2017; published 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.

Application and use


The products are intended to be used for piping systems for floor heating with an operating temperature profile according to class 2 of ISO 10508 and an allowable working pressure of maximum 10 bar.

Marking

The fittings shall be marked with the following

- "KIWA  " or, on small fittings only,  or  or  or KK (if not possible, then "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 must be provided with at least the following information:

- the word mark "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 in mm of the connecting pipe.

*) for small fittings marking with only KK is permitted

**) only after approval by Kiwa

Method of marking:

- Non-erasable;
- visible after assembly.

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:

- MT Valves and Fittings

and, if necessary,

- Kiwa Nederland B.V.

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