



Product certificate K48818/04

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Replaces K48818/03

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PP clamp fittings for plastics piping systems for drinking water of PE (Supreme S16)

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

SAB 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-K17105 "plastics piping systems of polyethylene for the transport of drinking water and raw water" dated 09-03-2015.

Luc Leroy
Kiwa

Publication of this certificate is allowed.

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

PP clamp fittings for plastics piping systems for drinking water of PE (Supreme S16)

PRODUCT SPECIFICATION

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

Type nr.	Type	Dimensions
75	Reducing 90° tee	25x20x25, 32x25x32, 40x32x40, 50x40x50, 63x50x63, 75x63x75, 90x75x90, 10x90x110 110x63x110, 20x16x20
80	90° Tee	16, 20, 25, 32, 40, 50, 63, 75, 90, 110
85	90° Female tee	16x1/2"x16, 20x1/2"x20, 20x3/4"x20, 25x1/2"x25, 25x3/4"x25, 25x1"x25, 32x1/2"x32, 32x3/4"x32, 32x1"x32, 32x11/4"x32, 40x1"x40 40x11/4"x40, 40x11/2"x40, 50x11/4"x50, 50x11/2"x50, 50x2"x50, 63x11/2"x63, 63x2"x63, 63x21/2"x63, 75x2"x75, 75x21/2"x75, 75x3"x75, 90x21/2"x90, 90x3"x90, 110x3"x110, 110x4"x110
90	90° Male tee	16x1/2"x16, 16x3/4"x16x20x1/2"x20, 20x3/4"x20, 25x1/2"x25, 25x3/4"x25, 25x1"x25, 32x1/2"x32, 32x3/4"x32, 32x1"x32, 32x11/4"x32, 40x1"x40, 40x11/4"x40, 40x11/2"x40, 50x11/4"x50, 50x11/2"x50, 50x2"x50, 63x11/2"x63, 63x2"x63, 63x21/2"x63, 75x21/2"x75, 75x3"x75, 90x3"x90, 110x4"x110
95	Male adaptor	16x1/2", 16x3/4", 20x1/2", 20x3/4", 25x1/2", 25x3/4", 25x1", 32x1/2", 32x3/4", 32x1", 32x11/4", 32x11/2", 40x1", 40x11/4", 40x11/2", 40x2", 50x11/4", 50x11/2", 50x2", 63x11/4", 63x11/2", 63x2", 63x21/2", 75x2", 75x21/2", 75x3", 90x2", 90x21/2", 90x3", 90x4", 110x2", 110x3", 110x4"
100	Female adaptor	16x1/2", 16x1/2", 16x3/4", 20x1/2", 20x3/4", 25x1/2", 25x3/4", 25x1", 32x1/2", 32x3/4", 32x1", 32x11/4", 40x1", 40x11/4", 40x11/2", 50x11/4", 50x11/2", 50x2", 63x11/2", 63x2", 63x21/2", 75x2", 75x21/2", 75x3", 90x2", 90x21/2", 90x3", 90x4", 110x2", 110x3", 110x4"
105	Coupling	16, 20, 25, 32, 40, 50, 63, 75, 90, 110
110	Reducing coupling	20x16, 25x16, 25x20, 32x20, 32x25, 40x25, 40x32, 50x32, 50x40, 63x32, 63x40, 63x50, 75x50, 75x63, 90x63, 90x75, 110x90, 110x63, 110x75
115	Plung	16, 20, 25, 32, 40, 50, 63, 75, 90, 110
120	90° Elbow	16, 20, 25, 32, 40, 50, 63, 75, 90, 110
125	90° Female elbow	16x1/2", 16x3/4", 20x1/2", 20x3/4", 25x1/2", 25x3/4", 25x1", 32x1/2", 32x3/4", 32x1", 32x11/4", 40x1", 40x11/4", 40x11/2", 50x11/4", 50x11/2", 50x2", 63x11/2", 63x2", 63x21/2", 75x21/2", 75x3", 90x3", 90x4", 110x4"
130	90° Male elbow	16x1/2", 16x3/4", 20x1/2", 20x3/4", 25x1/2", 25x3/4", 25x1", 32x1/2", 32x3/4", 32x1", 32x11/4", 40x1", 40x11/4", 40x11/2", 50x11/4", 50x11/2", 50x2", 63x11/2",

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.





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MARKING

De products shall be marked with the Kiwa®-mark

Fittings

Each fitting and the smallest packaging unit of the fitting is provided with at least the following marks:

- **KIWA**  or on small products  or  or * or KK*;
- manufacturer's name, trade name or logo;
- nominal outside diameter of the corresponding pipe in mm;
- pressure class;
- production code;
- for fittings with an internal supporting ring: the nominal wall thickness of the connecting pipe;
- PE type of the (PE 80 or PE 100), depending on the field of application;
- BRL K17105 and/or EN 12201.

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.

APPLICATION AND USE

The products are meant for PE piping systems for the transport of drinking water and raw water with a maximum temperature of 40 °C.

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:

- SAB S.p.A.
- and, if necessary,
- Kiwa Nederland B.V.

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