



Product certificate K109645/01

Issued 2022-03-15

Replaces -

Page 1 of 3

PP clamp fittings Norma Marlin

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 03-10-2017.

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

28/11/0711

Kiwa Nederland B.V.
Sir Winston Churchillaan 273
Postbus 70
2280 AB RIJSWIJK
The Netherlands
Tel. +31 88 998 44 00
Fax +31 88 998 44 20
NL.Kiwa.info@Kiwa.com
www.kiwa.nl

Company
SAB S.p.A.
Via Salvo D'Acquisto - zona ind.le
61048 S. ANGELO IN VADO
Italië
Tel. 0722 810 000
sab@tubi.net
www.tubi.net



Certification process
consists of initial and
regular assessment of:

- quality system
- product

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PRODUCT SPECIFICATION

The products mentioned below belong to this product certificate

Type nr.	Type	Dimensions
75	Reducing 90° Tee	20x16x20, 25x20x25, 32x25x32, 40x32x40, 50x40x50, 63x50x63, 75x63x75, 90x75x90, 110x90x110, 110x63x110
80	90° Tee	16, 20, 25, 32, 40, 50, 63, 75, 90, 110
85	90° Female tee	16x1/2"x16, 16x3/4"x16, 20x1/2"x20, 20x3/4"x20, 25x1/2"x25, 25x3/4"x25, 25x1"x25, 32x1/2"x32, 32x3/4"x32, 32x1"x32, 32x1 1/4"x32, 40x1"x40, 40x1 1/4"x40, 40x1 1/2"x40, 50x1 1/4"x50, 50x1 1/2"x50, 50x2"x50, 63x1 1/2"x63, 63x2"x63, 63x2 1/2"x63, 75x2"x75, 75x2 1/2"x75, 75x3"x75, 90x2 1/2"x 90, 90x3"x90, 110x3"x110, 110x4"x110
90	90° Male tee	16x1/2"x16, 16x3/4"x16, 20x1/2"x20, 20x3/4"x20, 25x1/2"x25, 25x3/4"x25, 25x1"x25, 32x1/2"x32, 32x3/4"x32, 32x1"x32, 32x1 1/4"x32, 40x1"x40, 40x1 1/4"x40, 40x1 1/2"x40, 50x1 1/4"x50, 50x1 1/2"x50, 50x2"x50, 63x1 1/2"x63, 63x2"x63, 63x2 1/2"x63, 75x2 1/2"x75, 75x3"x75, 90x3"x90, 110x4"x 110
95	Male adaptor	16x1/2", 16x3/4", 20x1", 20x1/2", 20x3/4", 25x1/2", 25x3/4", 25x1", 32x1/2", 32x3/4", 32x1", 32x1 1/4", 32x1 1/2", 40x1", 40x1 1/4", 40x1 1/2", 40x1 3/4", 40x2", 50x1 1/4", 50x1 1/2", 50x2", 63x1 1/4", 63x1 1/2", 63x2", 63x2 1/2", 75x2", 75x2 1/2", 75x3", 90x2", 90x2 1/2", 90x3", 90x4", 110x2", 110x3", 110x4"
100	Female adaptor	16x1/2", 16x3/4", 20x1/2", 20x3/4", 25x1/2", 25x3/4", 25x1", 32x1/2", 32x3/4", 32x1", 32x1 1/4", 40x1", 40x1 1/4", 40x1 1/2", 50x1 1/4", 50x1 1/2", 50x2", 63x1 1/2", 63x2", 63x2 1/2", 75x2", 75x2 1/2", 75x3", 90x2", 90x2 1/2", 90x3", 90x4", 100x2", 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° Male elbow	16x1/2", 16x3/4", 20x1/2", 20x3/4", 25x1/2", 25x3/4", 25x1", 32x1/2", 32x3/4", 32x1", 32x1 1/4", 40x1", 40x1 1/4", 40x1 1/2", 50x1 1/4", 50x1 1/2", 50x2", 63x1 1/2", 63x2", 63x2 1/2", 75x2 1/2", 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", 32x1 1/4", 40x1", 40x1 1/4", 40x1 1/2", 50x1 1/4", 50x1 1/2", 50x2", 63x1 1/2", 63x2", 63x2 1/2", 75x2 1/2", 75x3", 90x3", 90x4", 110x4"

Notes: For the fittings shall apply:

pressure classe PN 16: fitting diameters 16 up until 63 mm

pressure classe PN 12.5: fitting diameters 75 up until 110 mm

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"; 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.






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MARKING

The 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 *;
- manufacturer's name, trade name or logo;
- nominal outside diameter of the corresponding pipe in mm;
- nominal pressure (PN);
- production code;
- for fittings with an internal supporting ring: the nominal wall thickness of the connecting pipe;
- type fitting body material.

Location of the marks: on every fitting.

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

*) for small fittings marking with only KK is permitted in consultation with Kiwa.

APPLICATION AND USE

The products are intended for PE piping systems for the transport of drinking water and raw water heated to 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.