



Product certificate K20519/04

Issued 2019-08-01

Replaces K20519/03

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PP clamp fittings

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

Unidelta 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.

Ronald Karel
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

PRODUCT SPECIFICATION

The products mentioned below belong to this product certificate

Type nr.	Type	Dimensions	Pressure class	
			PN10	PN16
1001	Coupling	16, 20, 25, 32, 40, 50, 63, 75, 90, 110	X	
1002	Reducing coupling	20 x 16, 25 x 20, 32 x 25, 40 x 25, 40 x 32, 50 x 25, 50 x 32, 50 x 40, 63 x 32, 63 x 40, 63 x 50, 75 x 50, 75 x 63, 90 x 63, 90 x 75, 110 x 90	X	
1003	Male adaptor	16 x 3/8", 16 x 1/2", 16 x 3/4", 20 x 1/2", 20 x 3/4", 20 x 1", 25 x 1/4", 25 x 3/4", 25 x 1", 32 x 3/4", 32 x 1", 32 x 1 1/4", 40 x 1", 40 x 1 1/4", 40 x 1 1/2", 50 x 1", 50 x 1 1/4", 50 x 1 1/2", 50 x 2", 63 x 1 1/4", 63 x 1 1/2", 63 x 2", 63 x 2 1/2", 75 x 2", 75 x 2 1/2", 75 x 3", 90 x 2", 90 x 2 1/2", 90 x 3", 90 x 4", 110 x 3", 110 x 4"	X	
1004	Female adaptor	16 x 1/2", 16 x 3/4", 20 x 1/2", 20 x 3/4", 20 x 1", 25 x 1/2", 25 x 3/4", 25 x 1", 32 x 1/2", 32 x 3/4", 32 x 1", 32 x 1 1/4", 40 x 1", 40 x 1 1/4", 40 x 1 1/2", 50 x 1 1/4", 50 x 1 1/2", 50 x 2", 63 x 1 1/2", 63 x 2", 63 x 2 1/2", 75 x 2", 75 x 2 1/2", 75 x 3", 90 x 2", 90 x 2 1/2", 90 x 3", 90 x 4", 110 x 2", 110 x 3", 110 x 4"	X	
1005	90° tee	16, 20, 25, 32, 40, 50, 63, 75, 90, 110	X	
1006	90° elbow	16, 20, 25, 32, 40, 50, 63, 75, 90, 110	X	
1007	90° female tee	16 x 1/2" x 16, 16 x 3/4" x 16, 20 x 1/2" x 20, 20 x 3/4" x 20, 25 x 1/2" x 25, 25 x 3/4" x 25, 25 x 1" x 25, 32 x 1/2" x 32, 32 x 3/4" x 32, 32 x 1" x 32, 32 x 1 1/4" x 32, 40 x 1" x 40, 40 x 1 1/4" x 40, 40 x 1 1/2" x 40, 50 x 1 1/4" x 50, 50 x 1 1/2" x 50, 50 x 2" x 50, 63 x 1 1/4" x 63, 63 x 1 1/2" x 63, 63 x 2" x 63, 63 x 2 1/2" x 63, 75 x 2" x 75, 75 x 2 1/2" x 75, 75 x 3" x 75, 90 x 2 1/2" x 90, 90 x 3" x 90, 90 x 4" x 90, 110 x 3" x 110, 110 x 4" x 110	X	
1008	90° male elbow	16 x 1/2", 16 x 3/4", 20 x 1/2", 20 x 3/4", 25 x 1/2", 25 x 3/4", 25 x 1", 32 x 1/2", 32 x 3/4", 32 x 1", 32 x 1 1/4", 40 x 1", 40 x 1 1/2", 50 x 1 1/4", 50 x 1 1/2", 50 x 2", 63 x 1 1/2", 63 x 2", 63 x 2 1/2", 75 x 2 1/2", 75 x 3", 90 x 3", 90 x 4", 110 x 4"	X	
1009	90° female elbow	16 x 1/2", 16 x 3/4", 20 x 1/2", 20 x 3/4", 25 x 1/2", 25 x 3/4", 25 x 1", 32 x 1/2", 32 x 3/4", 32 x 1", 32 x 1 1/4", 40 x 3/4", 40 x 1", 40 x 1 1/4", 40 x 1 1/2", 50 x 1 1/4", 50 x 1 1/2", 50 x 2", 63 x 1 1/2", 63 x 2", 63 x 2 1/2", 75 x 2 1/2", 75 x 3", 90 x 3", 90 x 4", 110 x 4"	X	
1010	90° male elbow	16 x 1/2" x 16, 16 x 3/4" x 16, 20 x 1/2" x 20, 20 x 3/4" x 20, 25 x 3/4" x 25, 25 x 1" x 25, 32 x 1/2" x 32, 32 x 3/4" x 32, 32 x 1" x 32, 32 x 1 1/4" x 32, 40 x 1" x 40, 40 x 1 1/4" x 40, 40 x 1 1/2" x 40, 50 x 1 1/4" x 50, 50 x 1 1/2" x 50, 50 x 2" x 50, 63 x 1 1/2" x 63, 63 x 2" x 63, 63 x 2 1/2" x 63, 75 x 2 1/2" x 75, 75 x 3" x 75, 90 x 3" x 90, 90 x 4" x 90, 110 x 4" x 110	X	
1012	end plug	16, 20, 25, 32, 40, 50, 63, 75, 90, 110	X	
1013	Reducing 90° tee	20 x 16 x 20, 25 x 20 x 25, 32 x 25 x 32, 40 x 32 x 40, 50 x 40 x 50, 63 x 50 x 63, 75 x 63 x 75, 90 x 75 x 90, 110 x 90 x 110	X	

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.

PP clamp fittings

MARKING

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;
- 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:

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

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