



**Product certificate**  
**K5151/04**

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Replaces K5151/03  
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## Clamp fittings made of polypropylene for polyethene pipes for drinking water

**STATEMENT BY KIWA**

With this product certificate, issued in accordance with the Kiwa Regulations for Product Certification, Kiwa declares that legitimate confidence exists that the products supplied by

### **Van de Lande B.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-K 17105 "Plastic piping systems of PE for the transport of cold drinking water and raw water".



Bouke Meekma  
Kiwa

Publication of the certificate is allowed.

Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.

**Supplier**

Van de Lande B.V.  
Lissenveld 1  
4941 VK RAAMSDONKSVEER  
Tel. (+31) (0162) 51 60 00

**Kiwa Nederland B.V.**  
Sir Winston Churchilllaan 273  
Postbus 70  
2280 AB RIJSWIJK  
The Netherlands

Tel. +31 70 414 44 00  
Fax +31 70 414 44 20  
info@kiwa.nl  
www.kiwa.nl



**Certification process  
consists of initial and  
regular assessment of:**

- quality system
- product

## Clamp fittings made of polypropylene for polyethene pipes for drinking water

### PRODUCT SPECIFICATION

PP clamping fittings according to evaluation guideline BRL-K17105 "plastics piping systems of PE for the transport of cold drinking water and raw water".

The dimensions and types, given in the table below are part of this product certificate.

Type	Size(s)	Type number	Pressure class		Type of PE pipe	
			PN10	PN16	PE40	PE80
Tee 3 x insert	Ø 16 x Ø 16 x Ø 16	7.10.016	X	X	X	X
	Ø 20 x Ø 20 x Ø 20	7.10.020	X	X	X	X
	Ø 25 x Ø 25 x Ø 25	7.10.025	X	X	X	X
	Ø 32 x Ø 32 x Ø 32	7.10.032	X	X	X	X
	Ø 40 x Ø 40 x Ø 40	7.10.040	X	X	X	X
Tee 2 x insert 1 x outer thread (male)	Ø 16 x 3/8" x Ø 16	7.12.016	X	X	X	X
	Ø 16 x 1/2" x Ø 16	7.12.017	X	X	X	X
	Ø 20 x 1/2" x Ø 20	7.12.020	X	X	X	X
	Ø 20 x 3/4" x Ø 20	7.12.021	X	X	X	X
	Ø 25 x 1/2" x Ø 25	7.12.024	X	X	X	X
	Ø 25 x 3/4" x Ø 25	7.12.025	X	X	X	X
	Ø 25 x 1" x Ø 25	7.12.026	X	X	X	X
	Ø 32 x 1" x Ø 32	7.12.032	X	X	X	X
	Ø 32 x 1 1/4" x Ø 32	7.12.033	X	X	X	X
	Ø 40 x 1 1/4" x Ø 40	7.12.040	X	X	X	X
	Ø 40 x 1 1/2" x Ø 40	7.12.041	X	X	X	X
Tee 2 x insert 1 x inner thread (female)	Ø 16 x 3/8" x Ø 16	7.15.016	X	X	X	X
	Ø 16 x 1/2" x Ø 16	7.15.017	X	X	X	X
	Ø 20 x 1/2" x Ø 20	7.15.020	X	X	X	X
	Ø 20 x 3/4" x Ø 20	7.15.021	X	X	X	X
	Ø 25 x 1/2" x Ø 25	7.15.024	X	X	X	X
	Ø 25 x 3/4" x Ø 25	7.15.025	X	X	X	X
	Ø 25 x 1" x Ø 25	7.15.026	X	X	X	X
	Ø 32 x 1" x Ø 32	7.15.032	X	X	X	X
	Ø 32 x 1 1/4" x Ø 32	7.15.033	X	X	X	X
	Ø 40 x 1 1/4" x Ø 40	7.15.040	X	X	X	X
	Ø 40 x 1 1/2" x Ø 40	7.15.041	X	X	X	X
Tee reducing coupler 3 x insert	Ø 20 x Ø 16 x Ø 20	7.16.020	X	X	X	X
	Ø 25 x Ø 16 x Ø 25	7.16.024	X	X	X	X
	Ø 25 x Ø 20 x Ø 25	7.16.025	X	X	X	X
	Ø 32 x Ø 25 x Ø 32	7.16.032	X	X	X	X
	Ø 40 x Ø 32 x Ø 40	7.16.040	X	X	X	X
Elbow 90° 2 x insert	Ø 16 x Ø 16	7.20.016	X	X	X	X
	Ø 20 x Ø 20	7.20.020	X	X	X	X
	Ø 25 x Ø 25	7.20.025	X	X	X	X
	Ø 32 x Ø 32	7.20.032	X	X	X	X
	Ø 40 x Ø 40	7.20.040	X	X	X	X

## Clamp fittings made of polypropylene for polyethene pipes for drinking water

Type	Size(s)	Type number	Pressure class		Type of PE pipe	
			PN10	PN16	PE40	PE80
Elbow 90° 1 x insert 1 x outer thread (male)	Ø 16 x 3/8"	7.22.016	X	X	X	X
	Ø 16 x 1/2"	7.22.017	X	X	X	X
	Ø 20 x 1/2"	7.22.020	X	X	X	X
	Ø 20 x 3/4"	7.22.021	X	X	X	X
	Ø 25 x 1/2"	7.22.024	X	X	X	X
	Ø 25 x 3/4"	7.22.025	X	X	X	X
	Ø 25 x 1"	7.22.026	X	X	X	X
	Ø 32 x 1"	7.22.032	X	X	X	X
	Ø 32 x 1 1/4"	7.22.033	X	X	X	X
	Ø 40 x 1 1/4"	7.22.040	X	X	X	X
Ø 40 x 1 1/2"	7.22.041	X	X	X	X	
Elbow 90° 1 x insert 1 x inner thread (female)	Ø 16 x 3/8"	7.25.016	X	X	X	X
	Ø 16 x 1/2"	7.25.017	X	X	X	X
	Ø 20 x 1/2"	7.25.020	X	X	X	X
	Ø 20 x 3/4"	7.25.021	X	X	X	X
	Ø 25 x 1/2"	7.25.024	X	X	X	X
	Ø 25 x 3/4"	7.25.025	X	X	X	X
	Ø 25 x 1"	7.25.026	X	X	X	X
	Ø 32 x 1"	7.25.032	X	X	X	X
	Ø 32 x 1 1/4"	7.25.033	X	X	X	X
	Ø 40 x 1 1/4"	7.25.040	X	X	X	X
Ø 40 x 1 1/2"	7.25.041	X	X	X	X	
Coupling 2 x insert	Ø 16 x Ø 16	7.30.016	X	X	X	X
	Ø 20 x Ø 20	7.30.020	X	X	X	X
	Ø 25 x Ø 25	7.30.025	X	X	X	X
	Ø 32 x Ø 32	7.30.032	X	X	X	X
	Ø 40 x Ø 40	7.30.040	X	X	X	X
Coupling 1 x insert 1 x outer thread (male)	Ø 16 x 3/8"	7.32.016	X	X	X	X
	Ø 16 x 1/2"	7.32.017	X	X	X	X
	Ø 20 x 1/2"	7.32.020	X	X	X	X
	Ø 20 x 3/4"	7.32.021	X	X	X	X
	Ø 25 x 1/2"	7.32.025	X	X	X	X
	Ø 25 x 3/4"	7.32.026	X	X	X	X
	Ø 25 x 1"	7.32.027	X	X	X	X
	Ø 32 x 1/2"	7.32.031	X	X	X	X
	Ø 32 x 3/4"	7.32.032	X	X	X	X
	Ø 32 x 1"	7.32.033	X	X	X	X
	Ø 32 x 1 1/4"	7.32.034	X	X	X	X
	Ø 40 x 1"	7.32.040	X	X	X	X
	Ø 40 x 1 1/4"	7.32.041	X	X	X	X
	Ø 40 x 1 1/2"	7.32.042	X	X	X	X

## Clamp fittings made of polypropylene for polyethene pipes for drinking water

Type	Size(s)	Type number	Pressure class		Type of PE pipe	
			PN10	PN16	PE40	PE80
Coupling 1 x insert 1 x inner thread (female)	∅ 16 x 3/4"	7.35.016	X	X	X	X
	∅ 16 x 1/2"	7.35.017	X	X	X	X
	∅ 20 x 3/4"	7.35.020	X	X	X	X
	∅ 20 x 1/2"	7.35.021	X	X	X	X
	∅ 20 x 3/4"	7.35.022	X	X	X	X
	∅ 25 x 1/2"	7.35.025	X	X	X	X
	∅ 25 x 3/4"	7.35.026	X	X	X	X
	∅ 25 x 1"	7.35.027	X	X	X	X
	∅ 32 x 1/2"	7.35.031	X	X	X	X
	∅ 32 x 3/4"	7.35.032	X	X	X	X
	∅ 32 x 1"	7.35.033	X	X	X	X
	∅ 32 x 1 1/4"	7.35.034	X	X	X	X
	∅ 40 x 1"	7.35.040	X	X	X	X
	∅ 40 x 1 1/4"	7.35.041	X	X	X	X
	∅ 40 x 1 1/2"	7.35.042	X	X	X	X
Reducing coupler 2 x insert	∅ 20 x ∅ 16	7.36.020	X	X	X	X
	∅ 25 x ∅ 16	7.36.024	X	X	X	X
	∅ 25 x ∅ 20	7.36.025	X	X	X	X
	∅ 32 x ∅ 25	7.36.032	X	X	X	X
	∅ 40 x ∅ 32	7.36.040	X	X	X	X

### APPLICATION AND USE

The PE-fittings, according to this BRL are used for piping systems for the transport of drinking water with a maximum temperature of 40 °C according to NEN EN 12201.

### TOXICOLOGICAL REQUIREMENTS

Approval:

This product is approved on the basis of the requirements set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Regulation materials and chemicals drinking water and warm tap water supply"; published in the Government Gazette).

ATA criteria:

The ATA product certification is based on two main criteria. It should permanently comply with:


- The product recipe approved during the assessment procedure. The recipe is laid down in the for confidentiality reasons undisclosed appendix 1A to the certification agreement K5151. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa-ATA-approval procedure;
- Specific ATA-product requirements, laid down in appendix 1A to the certification agreement K5151. For confidentiality reasons this appendix 1A is not public.

### Clamp fittings made of polypropylene for polyethene pipes for drinking water

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#### MARKING

Every fitting shall be marked with:

- ◆ the Kiwa  mark ;
- ◆ the name of the manufacturer or registered trade mark \*);
- ◆ the PN number (PN10 or PN16);
- ◆ the nominal outside diameter of the connecting pipe \*);
- ◆ the production code \*);
- ◆ pipe material PE40 and/or PE80

\*) In case of fittings <50 mm, these marks must be mentioned only on the fitting body. The other marks may be mentioned on the packaging.

The method of marking:

- ◆ Non-eraseble;
- ◆ Clearly legible and indelible.

#### 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:

- Van de Lande B.V.

and, if necessary,

- Kiwa Nederland B.V.

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