



## Product certificate K100969/01

Issued 2019-03-01

Replaces -

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### Spigot fittings of PE for the transport of drinking water and raw water

#### 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

### 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-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](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

CERTIFICATE

287180711

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

Spigot fittings of PE for the transport of drinking water and raw water

**PRODUCT SPECIFICATION**

Spigot fittings of PE For piping systems for the transport of drinking water and raw water conform BRL-K17105, where the short spigot fittings are compatible for butt welding and the long spigot fittings for butt welding or electro welding.  
The products in the following tables belong to this certificate.

**Table 1 - PE 100 spigot fittings**

	Product	90° Elbow		45° Elbow		90° Tee				Welding neck VLK		End cap	
	Spigot	Long		Long		Long	Short			Long		Long	
	Article group	51051		51067		51082		50082		51197		51181	
	SDR	11	17	11	17	11	17	11	17	11	17	11	17
Size group 1	20	X		X		X		X		X		X	
	25	X		X		X		X		X		X	
	32	X		X		X		X		X		X	
	40	X		X		X		X		X		X	
	50	X		X		X		X		X		X	
	63	X		X		X		X	X	X	X	X	X
	75	X		X		X		X	X	X	X	X	X
Size group 2	90	X	X	X	X	X	X	X	X	X	X	X	X
	110	X	X	X	X	X	X	X	X	X	X	X	X
	125	X	X	X	X	X	X	X	X	X	X	X	X
	140	X	X	X	X	X	X	X	X	X	X	X	X
	160	X	X	X	X	X	X	X	X	X	X	X	X
	180	X	X	X	X	X	X	X	X	X	X	X	X
	200	X	X	X	X	X	X	X	X	X	X	X	X
	225	X	X	X	X	X	X	X	X	X	X	X	X

Colour: black

**Table 2 - PE 100 spigot fittings**

	Product	90° Tee reducer		Reducer	
	Spigot	Long		Long	
	Article group	51082		51134	
	SDR	11	17	11	17
Size group 1	20				
	25			20	
	32			20;25	
	40			20;25;32	
	50			25;32;40	
	63	50		32;40;50	
	75	32;50;63		50;63	
Size group 2	90	63;75	63;75	63;75	63;75
	110	63;75;90	63;75;90	63;75;90	63;90
	125	90;110	90;110	63;90;110	63;90;110
	140	110;125	110;125	110;125	125
	160	63;75;90;110	63;75;90;110	90;110;125;140	90;110;125;140
	180			90;110;125;160	90;125;160
	200			160;180	160
	225	110;160	110;160	160;180;200	160

Colour: black

## Spigot fittings of PE for the transport of drinking water and raw water

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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 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.

### MARKING

The marks and indications shall be printed or formed on the fitting and the packaging in such a way that it is durable and legible.

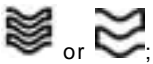
Fittings shall be provided with at least the following marks:

- manufacturer's name, trade name and/or logo;
- nominal outside diameter(s) in mm of connecting pipe(s);
- nominal pressure (PN);
- production code;
- material identification of the plastic PE 40 or PE 80 or PE 100.


### Certification mark

After entering into the Kiwa certification agreement the word "KIWA" and the Kiwa water mark must be printed or formed on the fitting.

Kiwa water mark:



In consultation with Kiwa:

- the combination of "KIWA" and the Kiwa water mark may be replaced by; KK or 
- may some marks be printed or formed on the (smallest) packaging unit, e.g. because the fittings are too small to be able to print or form all the marks on the fitting.

### APPLICATION AND USE

The products (PE-fittings) are intended to be applied in 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:

- 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.