



**Product certificate**  
**K5052/03**



Issued 2014-08-01  
Replaces K5052/02  
Page 1 of 3

**Solvent cement fittings of PVC-U and PVC-UH**

**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-K17301 "Piping Systems of PVC for the transport of 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**

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Tel. 0162 51 60 00  
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Internet [www.vdl-fittings.nl](http://www.vdl-fittings.nl)

**Kiwa Nederland B.V.**  
Sir Winston Churchillaan 273  
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**Certification process consists of initial and regular assessment of:**

- quality system
- product

Certificate

## Solvent cement fittings of PVC-U and PVC-UH

### PRODUCT SPECIFICATION

PVC cement fittings: colour Ral Grey : according to evaluation guideline BRL-K17301 "plastics piping systems of PVC for the transport of cold drinking water and raw water"

#### Specification

The dimensions and types, in pressure class PN10 and PN16 given in the table below are part of this product certificate


Table 1.

Nominal dimensions (mm)	Type			
	T-piece 90°	Knee 90°	Knee 45°	Socket 90°
12	X	X	X	X
16	X	X	X	X
20	X	X	X	X
25	X	X	X	X
32	X	X	X	X
40	X	X	X	X
50	X	X	X	X
63	X	X	X	X

### MARKING

De fittings shall be marked with the Kiwa<sup>®</sup>-mark

The minimum required marking on the products shall be:

- Word mark **KIWA** 
- Industrial trade mark
- PVC
- Nominal pressure (PN10 or PN16) of (PN)
- Nominal dimensions of the pipe
- Production period or production code

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

The method of marking:

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

The realization of the marks is as follows: clearly and indelible.

### 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 ATA to certificate K5052. 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 ATA to certificate K5052. For confidentiality reasons this appendix ATA is not public.

## Solvent cement fittings of PVC-U and PVC-UH

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### **APPLICATION AND USE**

The products are intended for PVC-U piping systems for the transport of drinking water and raw water heated to 45° degrees.

### **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.



Certificate

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

Issued 2014-02-15  
Replaces K5151/03  
Page 1 of 5

**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.

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**Supplier**

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**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
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
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.





## Productcertificaat K100969/01

Uitgegeven 2019-03-01

Vervangt -

Pagina 1 van 3

### Spiefittingen van PE voor het transport van drinkwater en ruw water

#### VERKLARING VAN KIWA

Met dit, conform het Kiwa-Reglement voor Certificatie, afgegeven productcertificaat verklaart Kiwa dat het gerechtvaardigd vertrouwen bestaat dat de door

### Van de Lande B.V.

geleverde producten, die zijn gespecificeerd in dit certificaat en voorzien van het onder "Merken" aangegeven Kiwa®-keurmerk, bij aflevering voldoen aan Kiwa-beoordelingsrichtlijn BRL-K17105 "kunststof leidingsystemen van PE voor transport van drinkwater en ruw water" d.d. 03-10-2017.

Ronald Karel  
Kiwa

286180711

*Openbaarmaking van het certificaat is toegestaan.*

*Advies: raadpleeg [www.kiwa.nl](http://www.kiwa.nl) om na te gaan of dit certificaat geldig is.*

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#### Onderneming

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Certificatieproces  
bestaat uit initiële en  
periodieke beoordeling  
van:

- kwaliteitssysteem
- product

## Spiefittingen van PE voor drinkwater en ruw water

## PRODUCTSPECIFICATIE

Spiefittingen van PE voor het transport van drinkwater en ruw water, conform beoordelingsrichtlijn K17105, waarbij de korte spiefittingen schikt zijn voor spiegellassen- en de lange spiefittingen voor spiegellassen of electrolassen. De producten overeenkomstig onderstaande tabellen behoren tot dit certificaat.

Tabel 1 PE 100 spie fittingen

	Product	90° Knie		45° Knie		90° Tstuk				Voorlaskraag VLK		Eindkap		
	Spie	Lang		Lang		Lang		Kort		Lang		Lang		
	Artikelgroep	51051		51067		51082		50082		51197		51181		
	SDR	11	17	11	17	11	17	11	17	11	17	11	17	
Maatgroep 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	
	90	X	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	X
Maatgroep 2	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	

Kleur: zwart

Tabel 2 PE 100 spie fittingen

	Product	90° Tstuk verloop		Verloopstuk	
	Spie	Lang		Lang	
	Artikelgroep	51082		51134	
	SDR	11	17	11	17
Maatgroep 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	
Maatgroep 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

Kleur: zwart

## Spiefittingen van PE voor drinkwater en ruw water

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### Geschiktheid voor contact met drinkwater

Dit product is toegelaten op basis van de eisen voor hygiënische aspecten die zijn vastgelegd in de "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" van 01-07-2017; (gepubliceerd in de Staatscourant).

Aan deze hygiënische aspecten liggen twee hoofdcriteria ten grondslag. Permanent dient voldaan te worden aan de:

- tijdens de toelatingsprocedure goedgekeurde receptuur. Wijzigingen hierin mogen uitsluitend worden doorgevoerd nadat de hiervoor geldende toelatingsprocedure met goed gevolg is doorlopen;
- specifieke producteisen m.b.t. de hygiënische aspecten.

In verband met de vertrouwelijkheid zijn de receptuur en de specifieke producteisen vastgelegd in de niet-openbare 'bijlage hygiënische aspecten' bij dit certificaat.

### MERKEN

De merken en aanduidingen moeten deugdelijke, duidelijke en op duurzame wijze op elke fitting en op de productverpakking zijn aangebracht.

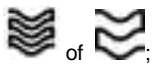
De fittingen worden minimaal voorzien van de volgende merken:

- fabrieksnaam, handelsnaam of logo;
- nominale buitendiameter in mm van de aansluitende buis;
- drukklasse (PN);
- productiecode;
- materiaalidentificatie van de kunststof PE 40 of PE 80 of PE 100.


### Certificatiemerk

Na het aangaan van de Kiwa-certificatie-overeenkomst moet tevens het woord "KIWA" en het Kiwa-watermerk onuitwisbaar op de fitting worden aangebracht.

Kiwa-watermerk:



In overleg met Kiwa:

- mag bij kleine fittingen de combinatie "KIWA" en Kiwa-watermerk vervangen worden door:  
KK of 
- kunnen bepaalde merken op de (kleinste) verpakkingseenheid worden aangebracht, bijvoorbeeld omdat de fittingen te klein zijn om alle merken op het fittinghuis aan te brengen.

### TOEPASSING EN GEBRUIK

De producten (PE- fittingen) zijn bedoeld voor leidingen bestemd voor transport van drinkwater en ruw water met een maximum temperatuur van 40°C.

### WENKEN VOOR DE AFNEMER

Inspecteer bij aflevering of:

- geleverd is wat is overeengekomen;
- het merk en de wijze van merken juist zijn;
- de producten geen zichtbare gebreken vertonen als gevolg van transport en dergelijke.

Indien u op grond van het hiervoor gestelde tot afkeuring overgaat, neem dan contact op met:

- Van de Lande B.V.

en zo nodig met:

- Kiwa Nederland B.V.

Raadpleeg voor de juiste wijze van opslag, transport en verwerking de verwerkingsvoorschriften van de certificaathouder.