

# GEROthen® / GEROthen® COEX PE BUIS VOOR DRINKWATER

*specificaties  
drinkwaterbuis*

<b>BUISOPBOUW</b>	GEROthen® PE drinkwaterbuis volgens DIN- en EN-normen. Één of twee (COEX) laags drinkwaterbuis.
<b>KENMERKEN</b>	GEROthen®: de medium voerende buis is zwart met in de lengterichting blauwe strepen. GEROthen® COEX: de medium voerende buis is zwart met een blauwe buitenmantel. Per meter een lengteaanduiding conform DVGW.
<b>TOEPASSING</b>	Drinkwaterbuis voor onderaardse toepassing.
<b>BIJZONDERHEDEN</b>	De Gerodur drinkwaterbuizen worden regelmatig organoleptisch getoetst (Q-plus methode).
<b>PRODUCTNORMEN</b>	DIN EN 12201   DVGW GW 335   DIN 8074/8075
<b>VERWERKINGSNORMEN</b>	DVGW W 400   GW 320 / GW 321 / GW 322 / GW 324 / GW 325   DIN EN 805 / DIN V ENV 1046 / DIN 4124 / DIN 18196 / DIN EN ISO 14688 / DIN 18123   ZTV A-StB / ZTV E-StB   GEROthen® COEX technische gegevens.
<b>GRONDSTOFFEN</b>	De medium voerende buis is vervaardigd uit PE 100.
<b>KEURMERKEN</b>	KIWA   DVGW   SVGW   ÖVGW   GOST R   ITC Zlin   VUSAPL Nitra   Nordic Polymark   Overige keurmerken op aanvraag.
<b>CERTIFICERINGEN</b>	DIN EN ISO 9001 / DIN EN ISO 14001   OHSAS 18001   ISO 50001
<b>GETEST DOOR</b>	SKZ Würzburg   IMA Dresden
<b>STERKTEKLASSEN</b>	SDR 7,4 / 11 / 17   overige op aanvraag
<b>LEVERVORM</b>	Lengte   Op rol   Op haspel



## Product certificate K52101/03

Issued 2017-01-15  
Replaces K52101/02  
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### PE 100 PIPES

#### 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

## Gerodur MPM Kunststoffverarbeitung GmbH & Co. KG

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 9 March 2015.



Luc Leroy  
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

## PE 100 PIPES

### PRODUCT SPECIFICATION

#### General

The following options for the color of the pipes are applicable according to evaluation guideline BRL-K17105 "plastics piping systems of polyethylene for the transport of drinking water and raw water"

- Black with blue stripes, or
- Black with blue outer layer, or
- Black with blue protective layer or
- Black with blue stripes and blue protective outer layer.

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



Nominal outside diameter in mm	Minimum wall thickness				
	PN 6	PN8	PN10	PN12,5	PN16
25				2,0	2,3
32			2,0	2,4	3,0
40		2,0	2,4	3,0	3,7
50	2,0	2,4	3,0	3,7	4,6
63	2,5	3,0	3,8	4,7	5,8
75	2,9	3,6	4,5	5,6	6,8
90	3,5	4,3	5,4	6,7	8,2
110	4,2	5,3	6,6	8,1	10,0
125	4,8	6,0	7,4	9,2	11,4
140	5,4	6,7	8,3	10,3	12,7
160	6,2	7,7	9,5	11,8	14,6
180	6,9	8,6	10,7	13,3	16,4
200	7,7	9,6	11,9	14,7	18,2
225	8,6	10,8	13,4	16,6	20,5
250	9,6	11,9	14,8	18,4	22,7
280	10,7	13,4	16,6	20,6	25,4
315	12,1	15,0	18,7	23,2	28,6
355	13,6	16,9	21,1	26,1	32,2
400	15,3	19,1	23,7	29,4	36,3
450	17,2	21,5	26,7	33,1	40,9
500	19,1	23,9	29,7	36,8	45,4
560	21,4	26,7	33,2	41,2	50,8
630	24,1	30,0	37,4	46,3	57,2

### MARKING

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

#### Pipes

Pipes shall be provided with the following marks:

- **KIWA**  or 
- manufacture's name, trade name;
- material identification: PE 40 or PE 80 or PE 100;
- SDR;
- nominal pressure (PN);
- nominal outside diameter and nominal wall thickness in mm;
- production code;
- BRL-K17105 or EN 12201-2.

Location of the mark: on each pipe at a distance of up to 2 meters.

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

### PE 100 PIPES

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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"; 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.

- Non-erasable;
- visible after assembly.

#### **APPLICATION AND USE**

The products are intended for PE-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:

- Gerodur MPM Kunststoffverarbeitung GmbH & Co. KG  
and, if necessary,
- Kiwa Nederland B.V.

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