

Product certificate
K-0226048-2



Valid from **2026-01-23** Replaces **K-0226048-1**
Page **1 of 3**

WKT RC Perfekt

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

WKT Westfälische Kunststofftechnik GmbH

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 " for the Kiwa product certificate for plastics piping systems of polyethylene for the transport of drinking water and raw water " dated 21-04-2023 including amendment.

Wim van Loon
Managing Director Nederland

Publication of this certificate is allowed.

Advice: consult www.kiwa.com in order to ensure that this certificate is still valid.

WKT RC Perfekt

PRODUCT SPECIFICATION

This product certificate applies to the following products intended for plastic piping systems of PE for the transport of drinking water and raw water, in accordance with BRL K17105:

- Pipes made of PE 100.

Colour: Black coloured pipes with blue stripes.

Table 1 – Pressurized pipes PE 100

Size group	Outside diameter (mm)	PE 100	
		PN 10	PN 16
1	32		X
	40		X
	50		X
	63	X	X
2	75	X	X
	90	X	X
	110	X	X
	125	X	X
	140	X	X
	160	X	X
	180	X	X
	200	X	X
	225	X	X
3	250	X	X
	280	X	X
	315	X	X
	355	X	X
	400	X	X
	450	X	X
	500	X	X
	560	X	X
	630	X	X

WKT RC Perfekt

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

Pipes shall be provided with the following marks:

- **KIWA**  or **KIWA** ;
- EN 12201 and optional BRL K17105;
- Manufacture’s name, trade name and/or logo;
- Nominal outside diameter and nominal wall thickness in mm;
- SDR series;
- Intended use of drinking water with designation letter “W”;
- Material identification: PE 100;
- Nominal pressure (PN);
- Production code: (incl production period and production site IA);
- Type of pipe IA: e.g. co-extruded or peelable layer;
- Reduced outer layer diameter tolerance IA: e.g. Grade B.

Location of the mark: on each pipe at a distance of up to 1 meters.

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

APPLICATION AND USE

The products are intended to be used for PE-piping systems for the transport of drinking water and raw water with a maximum temperature of 50°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:

- WKT Westfälische Kunststofftechnik GmbH

and, if necessary:

- Kiwa Nederland B.V.

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