



## Product certificate K5045-11

Issued 2024-12-01

Replaces K5045/10

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### Plastic Pushfit fittings

#### 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

### E. Hawle Armaturenwerke 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 "plastics piping systems of polyethylene for the transport of drinking water and raw water" dated 03-10-2017 including the amendment sheet dated 21-04-2023.

*Publication of this certificate is allowed.*

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

CERTIFICATE

28/11/2021

#### Kiwa Nederland B.V.

Sir Winston Churchillaan 273  
Postbus 70  
2280 AB RIJSWIJK  
The Netherlands  
Tel. +31 88 998 44 00  
NL.Kiwa.info@Kiwa.com  
[www.kiwa.com](http://www.kiwa.com)

#### Company

E. Hawle Armaturenwerke GmbH  
Wagrainer Straße 13  
4840 VÖCKLABRUCK  
Austria  
Tel. +43 (0)7672/725760  
hawle@hawle.at  
[www.hawle.com](http://www.hawle.com)



Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

## Plastic Pushfit fittings

## PRODUCT SPECIFICATION

Plastics pushfit fittings according to evaluation guideline BRL-K17105 "plastics piping systems of Polyethylene 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	Dimensions	Type number	Pressure class PN16
Pushfit x male adaptor	Ø 25 mm t/m Ø 63 mm	6120	X
Pushfit x male adaptor	Ø 25 mm t/m Ø 63 mm	6130	X
Pushfit x female adaptor	Ø 20 mm t/m Ø 63 mm	6220	X
Pushfit x female adaptor 1 1/2"	Ø 25 mm t/m Ø 63 mm	6221F	X
Pushfit x female adaptor	Ø 25 mm t/m Ø 63 mm	6221	X
2 x Pushfit	Ø 20 mm t/m Ø 63 mm	6320	X
Pushfit x Pushfit reducer	Ø 20 mm t/m Ø 63 mm	6330	X
Elbow: 2 x Pushfit	Ø 20 mm t/m Ø 63 mm	6420	X
Elbow: Pushfit x female adaptor	Ø 25 mm t/m Ø 63 mm	6430	X
	Ø 40-3/4" mm, Ø 40-1" mm	6431	X
Tee: 2 x pushfit x female adaptor	Ø 20 mm t/m Ø 63 mm	6520	X
	Ø 40-1" mm, Ø 63-1" mm	6521	X
	Ø 63-1 1/2"	6521	X
Tee: 3 x pushfit	Ø 25 mm t/m Ø 63 mm	6550	X

\*The products will be supplied with white, black and red clamp rings

## 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.

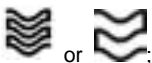
Fittings shall be provided with at least the following marks:

- manufacturer's name, trade name and/or logo;
- nominal outside diameter(s) in mm of connecting pipe(s);
- nominal pressure (PN);
- production code;
- for fittings with a support ring: nominal wall thickness of the connecting pipe;
- type of fitting body material (only for plastic fittings).


## 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 of 
- 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

## Plastic Pushfit fittings

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The products are intended to be used in 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:

- E. Hawle Armaturenwerke GmbH

and, if necessary,

- Kiwa Nederland B.V.

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