



Product certificate K76951/18

Issued 2023-09-01

Replaces K76951/17

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Flexible connecting hoses

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

Tucaí S.A.

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-K622: 2022 "Flexible connecting hoses",

which covers the requirements of

EN13618: 2016 "Flexible hose assemblies in drinking water installations - Functional requirements and test methods".

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

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

CERTIFICATE

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Manufacturing plants

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**Certification process
consists of initial and
regular assessment of:**

- quality system
- product

Flexible connecting hoses

PRODUCT SPECIFICATION

The products mentioned below belong to this technical approval-with-product certificate

Model	TAQ PEX	TAQ PEX DN6
DN	DN8	DN6
Braiding	INOX	
Connection ends	<ul style="list-style-type: none"> • inner thread 3/8" and 1/2", • outer thread 3/8" and 1/2" • compression fitting 10 mm, 12 mm, and 15 mm, • pipe end 10 mm (LISO 10) and 15 mm, • bend 90° union nut 3/8" and union nut 1/2", • nipple elbow H34 (according drawing 205.110.001)* • G3/4" • M10x1 	<ul style="list-style-type: none"> • M8x1 • M10x1 • M15x1 Captive nut • captive nut 1/2" • captive nut 3/8" • pipe end 10mm (LISO 10) • pipe end 8mm (LISO 8) • 3/8" 90° elbow • 1/2" 90° elbow
Inner hose	The flexible connecting hoses have been provided with "PEX" inner hose.	

Model	TAQ FLX			
DN	DN6	DN8	DN10	DN13
Braiding	INOX			
Connection ends	<ul style="list-style-type: none"> • M8 x 1, • M10 x 1, • union nut 3/8" and 1/2", • anti-twist connection H3/8 and H1/2 	<ul style="list-style-type: none"> • pipe end 10mm • pipe end 15mm • M10 x 1 • union nut 3/8" and 1/2" • anti-twist connection H3/8 and H1/2 • compression fitting 10mm • compression fitting 12mm • compression fitting 15mm • male 3/8" • male 1/2" • plastic fitting 883.650.93.0 (customer reference 881.121.00.0)* • bend 90° union nut 3/8" * 	<ul style="list-style-type: none"> • pipe end 15, • M12 x 1, • union nut 3/8", 1/2" and 3/4", • anti-twist connection H3/8 and H1/2 	<ul style="list-style-type: none"> • pipe end 15 and 22, • union nut 1/2" and 3/4", • anti-twist connection H1/2
Inner hose	The flexible connecting hoses have been provided with "FLX" inner hose.			

Model	TAQ FLX ACB			
DN	DN6	DN8	DN10	DN13
Braiding	polyester (ACB)			
Connection ends	<ul style="list-style-type: none"> • M8 x 1, • M10 x 1, • union nut 3/8" and 1/2", • anti-twist connection H3/8 and H1/2 	<ul style="list-style-type: none"> • pipe end 15, • M10 x 1, • union nut 3/8" and 1/2", • anti-twist connection H3/8 and H1/2 • plastic nipple no. 22091* • plastic fitting 883.650.93.0 (customer reference 881.121.00.0)* 	<ul style="list-style-type: none"> • pipe end 15, • M12 x 1, • union nut 3/8", 1/2" and 3/4", • anti-twist connection H3/8 and H1/2 	<ul style="list-style-type: none"> • pipe end 15 and 22, • pipe end 22, • union nut 1/2" and 3/4", • anti-twist connection H1/2
Inner hose	The flexible connecting hoses have been provided with "FLX" inner hose.			

Flexible connecting hoses

Model	TAQ PEX ACB	
DN	DN6	DN8
Braiding	polyester (ACB)	
Connection ends	<ul style="list-style-type: none"> • inner thread $\frac{3}{8}$" and $\frac{1}{2}$" • M8x1, M10x1 • M15x1 • M15x1 captive nut • pipe end 8mm (LISO8) • pipe end 10mm (LISO 10) • $\frac{3}{8}$" 90° elbow • $\frac{1}{2}$" 90° elbow 	<ul style="list-style-type: none"> • inner thread $\frac{3}{8}$" and $\frac{1}{2}$", • outer thread $\frac{3}{8}$" and $\frac{1}{2}$" • M10x1, M12x1 • compression fitting 8 mm, 10 mm, 12 mm • pipe end 10 mm (LISO 10) • bend 90° union nut $\frac{3}{8}$" and union nut $\frac{1}{2}$" • anti-twist connection H$\frac{3}{8}$
Inner hose	The flexible connecting hoses have been provided with PEX inner hose.	

Model	TAQ MINI PEX*
DN	DN6
Braiding	INOX
Connection ends	<ul style="list-style-type: none"> • M10 x 1 (article no. 11015, 11016, 11017, 11022, 11027) in combination with: <ul style="list-style-type: none"> • union nut $\frac{3}{8}$" (article no. 11408 or 11409) • union nut M15 x 1 (article no. 11404)
Braiding	polyester (ACB)
Connection ends	<ul style="list-style-type: none"> • M8 x 1 • M10 x 1 • G$\frac{1}{2}$" • G$\frac{3}{8}$"
Inner hose	The flexible connecting hoses have been provided with "PEX" inner hose.

* **Special design** -- concerning flexible connecting hoses may be used as a part of appliances for which a separate Kiwa product certificate has been issued only.

Model	TWIST			
DN	DN8	DN13	DN20	DN25
Braiding	Stainless steel (SS)			
Connection ends	<ul style="list-style-type: none"> • inner thread $\frac{3}{8}$", $\frac{1}{2}$", $\frac{3}{4}$" • outer thread $\frac{3}{8}$", $\frac{1}{2}$", $\frac{3}{4}$" • $\frac{3}{8}$", $\frac{1}{2}$", $\frac{3}{4}$" 90° elbow • pipe end (LISO) 8 mm, 10 mm, 12 mm • compression fitting 10 mm, 12 mm, 14 mm • $\frac{1}{2}$" and $\frac{3}{4}$" swivel nut • M8x1 • M10x1 	<ul style="list-style-type: none"> • inner thread $\frac{1}{2}$" and $\frac{3}{4}$" • outer thread $\frac{1}{2}$" and $\frac{3}{4}$" • $\frac{1}{2}$" and $\frac{3}{4}$" 90° elbow • pipe end 15 mm (LISO) 	<ul style="list-style-type: none"> • inner thread $\frac{3}{4}$" • outer thread $\frac{3}{4}$" • $\frac{3}{4}$" 90° elbow • pipe end 22 mm (LISO) 	<ul style="list-style-type: none"> • inner thread G1" • outer thread G1" • G1" 90° elbow • pipe end 28 mm (LISO)
Inner hose	The flexible connecting hoses have been provided with "TWIST" inner hose.			

DN	8
Braiding	polyester (ACB)
Connection ends *	<ul style="list-style-type: none"> • inner thread $\frac{3}{8}$", $\frac{1}{2}$", $\frac{3}{4}$" • outer thread $\frac{3}{8}$", $\frac{1}{2}$", $\frac{3}{4}$" • $\frac{3}{8}$", $\frac{1}{2}$", $\frac{3}{4}$" 90° elbow • pipe end (LISO) 8 mm, 10 mm, 12 mm • compression fitting 10 mm, 12 mm, 14 mm • $\frac{1}{2}$" and $\frac{3}{4}$" swivel nut • M8x1 • M10x1
Inner hose	The flexible connecting hoses have been provided with "TWIST" inner hose.

Flexible connecting hoses

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 Kiwa®-mark products are marked with the word mark "KIWA ", or the abbreviated .

Place of the mark: on the flexible hoses (clamp bush).

*) for small fittings marking with only KK is permitted

Compulsory specifications:

- name or mark of manufacturer: on the flexible hose (clamp bush);
- at least the last two digits of the production year: on the flexible hose (clamp bush);
- maximum operating temperature 70°C: on the flexible hose (clamp bush);
- if supplied with a compression fitting, then, in addition, the manufacturer's mark and nominal size on the coupling nut.

Method of marking:

- Non-erasable;
- visible after assembly.

APPLICATION AND USE

The flexible connecting hoses are intended for application in drinking water installations with a static water pressure of maximum 1000 kPa and a maximum water temperature of 70°C. Flexible connecting hoses may be used as an integrated part of the appliance.

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:

- Tucai S.A.
- and, if necessary,
- Kiwa Nederland B.V.

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