

TWIST, SUPER TWIST and EXTRA TWIST, Flexible hose assemblies

Holder/Issued to

TUCAI S.A.

c/Llobateras 12, Poligono Industrial Santiga, ES-08210 Barberà del Vallès, Spain

Product description

TWIST, SUPER TWIST and EXTRA TWIST are flexible hose assemblies made of PE-RT hoses with an outer braiding of stainless steel or PET and with factory installed brass fittings of CW612N, CW617N, CW626N och CW724R. The flexible hose assemblies are delivered with fittings that are available in the following combinations:

TWIST TWIST ACB	DN8	Staright- or angeled nut: 3/8", 1/2", 3/4" Male thread: 3/8", 1/2", 3/4", M8x1, M10x1 Tube: 8 mm, 10 mm.
SUPER TWIST	DN13	Union nut: 1/2" and 3/4" Male thread: 1/2" and 3/4" Tube: D15
EXTRA TWIST	DN19	Union nut: 3/4" Male thread: 3/4" Tube: D22
EXTRA TWIST	DN25	Union nut: 1" Male thread: 1" Tube: D28
EXTRA TWIST	DN32	Union nut: 1 1/4" Male thread: 1 1/4"

Intended use

Flexible hose assemblies for tap water systems, of warm and cold tap water and for dish washers and washing machines within buildings where the highest working pressure does not exceed 1,0 MPa and where the water temperature momentarily does not exceed 90°C or continuously does not exceed 70°C.

Trade name

TWIST, SUPER TWIST and EXTRA TWIST.

Approval

The products satisfies the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this type approval, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Tap water installations	6:62, 1st sentence and 2nd paragraph and general recommendation
Design	6:625 1st and 4th paragraph

Associated documents

Installation instructions dated 2017-05-24.

Control

The factory production control (FPC) is monitored by an independent inspection body.

Control plan: Appendix to control agreement 102/2017, dated 2021-09-15, Inspection body: Kiwa

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this type approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this type approval is based.

Manufacturing places

Production control includes the following places:

Tucaí, Aydemir Village, Bulgaria and

Ningbo Tucai Flexible Pipe Co., Ltd, No. 1 Beixing Road, Mazhu Town Yuyao, Zhejiang, 315450, China


Marking

The products are to be marked at the factory. The marking consists of text on every product and packing supplied and includes:

Products are marked with:

Manufacturer	Tucaí
Product type designation	Twist
Boverket's registered trademark	
Nominal dimension (Size DN)	DN XX
MAX. pressure and temperature	10 bar, 90°C

Packings are marked with:

Holder	Tucaí
Product type designation	Twist
Consecutive manufacture No.	No.
Type approval number	SC1477-16
Boverket's registered trade mark	
RISE Accreditation number	1002
Certification body	RISE
Inspection body	Kiwa

Basis for approval

Reports 1111489-001, 1111488-001, 1111487-001, 1111484-001, 1111483-001, 1111480-001, 1111486-001, 1111485-001, 1111482-001 and 1111481-001 from TTR.

Report QB10593INS20/1451 from CSTB.

Report 20-3557-EN/1 from Aimplas.

Reports PLA-0916/21-1, PLA-0619/21-1, PLA-0623/21-1, PLA-0081/21-1 and PLA-0538/20-1 from CEIS.

Report DW-5253BQ0577 from DVGW

Reports DE21MTKR 004, DE21MTKR 003, DE21MTKR 002, DE21MTKR 001, 21243652-001, 21243653-001, 21243654-001 and 21243655-001 from TÜV Rheinland.

Reports KR162/18, MO050/18, KR 221/15 and MO 194/15 from TZW.

Reports 191200126-TR-Rev1 and dated 25-10-2016 from Kiwa.

Comments

This approval is valid on condition that the flexible hose is laid in the same room for its entire length and the maximum length of the flexible hose is 2.0 meters.

Associated documents shall accompany the product or by other means be available to users of the product.

This type approval supersedes the previous type approval with the same number dated 2017-05-30.

Validity

Valid through 2027-05-12.

Validity of this type approval can be verified on our website.

The validity of this type approval expires when the type approved products with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

A handwritten signature in blue ink, appearing to read 'Stefan Coric'.

Stefan Coric

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence