





With a customer-focused vision, a great sense of challenge and a strong focus on innovation and competitiveness, the Tucai Group is one of the world leaders and one of the most reliable and competitive partners in solutions for flexible water, gas and diesel fuel connectors.

Our products are known for their perfect combination of quality and performance and for being a world reference in great durability, safety and comfort.

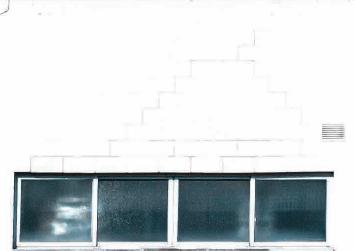
CONSOLIDATED EXPERIENCE: OVER 50 YEARS OF KNOWLEDGE AND GROWTH.

TUCAI was founded in 1963 in Barcelona nad after more than five decades we have established ourselves as one of the three largest producers of flexible connectors in the world. During this period we have estrived to provide innovative products and to develop personalized and increasingly profitable solutions for our clients.

In addition to our facilities in Spain, since 2004 we have a plant in Ningbo, allowing us to suplly products to Asia and America.

Since 2007, we have a production base in Bulgaria that has led us to strengthen our leadership position in the eurozone market.





TUCAI, AT THE FOREFRONT OF FLEXIBLE CONNECTORS IN THE WORLD



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I would sincerely like to thank you for your interest in getting to know and better understanding our Organisation. I invite you to read this catalogue and share with us your suggestions and concerns.

"OUR GOAL IS THE SUCCESS OF YOUR BUSINESS"



As the 55th anniversary of the founding of TUCAI approaches, we are proud to have been able to adapt to the many changes in the market. This has been possible thanks to the development of a professional team, committed to the project, that has focused its efforts on providing value to our customers' business.

We have used innovation as a driver for the development of new products and to improve the design and performance of current ones. This has led us to increase our range and design products that are easier to install and better performing, making it possible to sell more and expand your business.

We have a clear commitment to improving the quality of life of people and making a positive contribution to the sustainability of the countries in which we operate. To do this, we have adapted management processes to current needs and have taken advantage of available technology to simplify operations.

We pledge to continue working with confidence and passion to continue providing value to society.

Yours faithfully,

Lorenzo Piera CEO TUCAI Group

THE VALUE OF TRUST

Our products have been certified in order to guarantee their quality and reliability.

They are backed by internationally recognised quality marks.

These quality marks demonstrate compliance with the technical requirements set out in contractual agreements and / or form part of legal obligations in some countries.

They constitute a differentiating element that gives our customers peace of mind that they have purchased a reliable product.

IN EUROPE

We have built a reputation by delivering our Customers over the time innovative and efficient plumbing solutions that improve performance and save time.

Designed for use in hot and cold potable water and in compliance with the EU REACH regulations, our flexible hose range is produced to achieve a robust construction in order to last and meet the most stringent regulations all over Europe.

The quality of our liners determines the ageing of the product and therefore its performance under pressure. Polymers must conform to European Standard EN 681-1 type WB – which specifies the mechanical requirements of the materials used – and generally exceed standard requirements for durability.

TUCAI has played an active role in the development of standards working closely to help author norms and promote the safe and efficient use of plumbing water connectors.

Backed with a proven TUCAI reputation, our range provides long, trouble-free service life as we work hard to know your business, assist you in problem solving with over 50 years of experience.

EN 681-1

Elastomeric seals - Materials requirement for pipe joint seals used in water and drainage applications - Part 1: Vulcanized rubber - This standard specifies requirements for materials used in vulcanized rubber seals for: a) cold potable water supply (up to 45°C); 2) hot potable and non-potable water supply (up to 110°C); 3) drainage, sewerage and rainwater systems (continuous flow up to 45°C and intermittent flow up to 95°C). The different designations of seals specified are defined according to their type, application and requirements (WA, WB, WC, WD, WE, WF and WG).



REACH European Union regulation concerning the Registration, Evaluation, Authorisation and restriction of Chemicals. REACH aims at providing a high level of protection of human health and the environment from the use of chemicals and promoting the use of alternative methods for the assessment of the hazardous properties of substances.

In the world

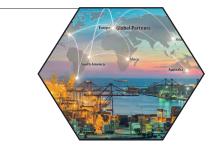


WE STAND OUT FROM THE REST

TUCAI has a prominent position in the field of flexible connections due to its REPUTATION, EXPERIENCE AND INNOVATIVE culture.

The strategic COMBINATION OF STRENGTHS makes us THE BEST CHOICE because we focus only on CREATING VALUE FOR OUR CUSTOMERS.

The relationships we build are the basis for our SUCCESS. Our structure allows a smooth relationship between those running our organisation and those of our customer, who value our global vision and our technical expertise, alongside our rigour, closeness and involvement. We approach all aspects of our business with a SPIRIT OF COLLABORATION AND TRANSPARENCY





STRATEGIC AND OPERATIVE INNOVATION

A PRESTIGIOUS INTERNATIONAL BRAND LEADER



KNOW-HOW R&D

TECHNOLOGY, INNOVATION, QUALITY, COMPETITIVENESS: OUR KEY TO OFFERING BENCHMARK SOLUTIONS.

TECHNOLOGY. R&D

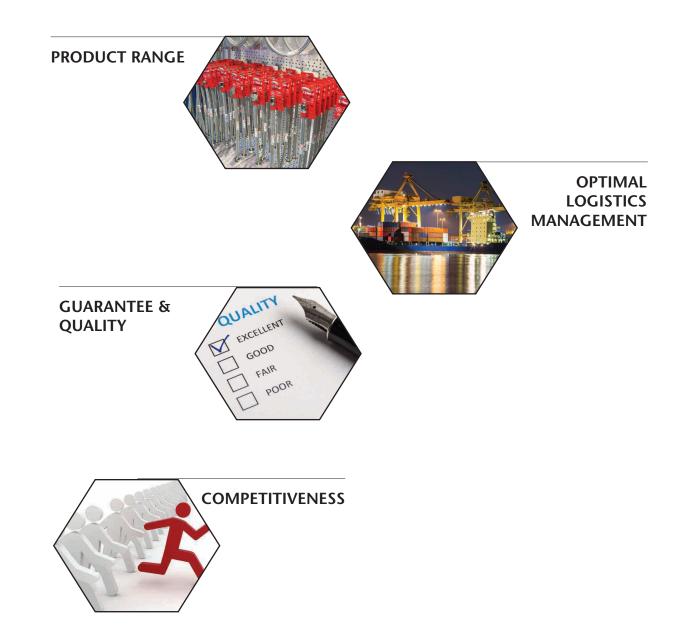
Research guides and drives us. We focus on designing products that facilitate the work of installers and on improving their technical performance.

Our laboratories work constantly on performing mechanical, chemical and product life tests in order to ensure their continuous improvement.

THE MOST STRINGENT QUALITY CONTROLS.

Quality from the word go. TUCAI quality control procedures are identical in all of our plants, meet strict ISO 9001: 2008 standards, and affect our entire team, from the CEO to the last employee. Our facilities are regularly subjected to intensive

quality improvements. Our water and gas connectors are authorized all over the world.



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GLOBAL COMPETITIVENESS

We orient our activity towards the competitiveness of our organization. To do this, we reduce production costs by eliminating those that are not directly associated with quality. In line with this approach, we adapt in each case to the particular needs of our customers, wherever they are, thanks to a widely developed logistics



COMPANY INTRODUCTION

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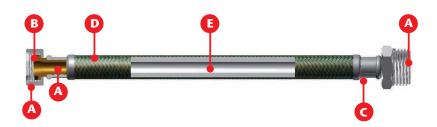


CONNECTING SOLUTIONS FOR WATER APPLICATIONS





Applications



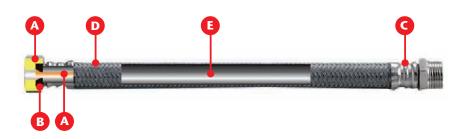
DN8 TAQ

- A. Brass CW617N
- **B.** Incorporated EPDM washer
- C. Stainless steel AISI304
- D. Stainless steel braided AISI 304
- E. EPDM





Applications



DN8 TAQ ACB

- A. Brass CW617N
- B. Incorporated EPDM washer
- C. Stainless steel AISI304
- D. Polymer braided
- E. EPDM



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CONNECTING SOLUTION FOR SANITARY APPLICATIONS 3/8" AND/OR 1/2"





FEMALE - FEMALE

Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	Pac uts./bag	kage uts./box	Length (mm)
H 3/8″ - H 3/8″	8	6	10	100	100 150 200 250 300 350 400 450 500 600 800 1.000
H 3/8" - H 1/2"	8	6	10	100	100 150 200 250 300 350 400 450 500 600 800 1.000
Н 1/2" - Н 1/2"	8	6	10	100	100 150 200 250 300 350 400 450 500 600 800 1.000

WATER RANGE





Taq Dn8

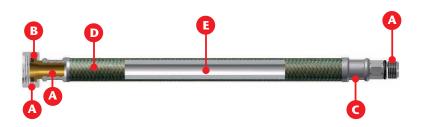






Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	Pack uts./bag	age uts./box	Length (mm)
M 3/8" - H 3/8"	8	6	10	100	100 150 200 250 300 350 400 450 500 600 800 1.000
M 3/8" - H 1/2"	8	6	10	100	100 150 200 250 300 350 400 450 500 600 800 1.000
M 1/2" - H 1/2"	8	6	10	100	100 150 250 300 350 400 450 500 600 800 1.000
M 1/2" - H 3/8"	8	6	10	100	100 150 200 250 300 350 400 450 500 600 800 1.000





DN8 TAQ GRIF

- A. Brass CW617N
- B. Incorporated EPDM washer
- **c.** Stainless steel AISI304
- D. Stainless steel braided AISI 304
- E. EPDM

DN8 TAQ GRIF ACB

- A. Brass CW617N
- **B.** Incorporated EPDM washer
- C. Stainless steel AISI304
- D. Polymer braided
- E. EPDM

Applications





🛈 tucai®

WATER RANGE

CONNECTING SOLUTION FOR FAUCET APPLICATIONS









STAINLESS STEEL BRAIDED

- Ø Outer diameter: 12 mm 🖉 Inner diameter: 8 mm
- 0 Fitting inner diameter: 6 mm
- Θ Flow rate: 29 I./min
- Minimum bending radius: 30 mm
- Working pressure: 10 bar
 - Temperature 90 °C
- H_2O potable G

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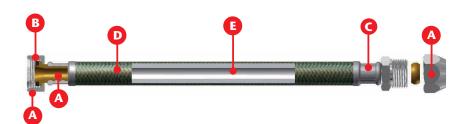


(10x1 = male size, another sizes availables. L = male length)

	POLYMER BRAIDED
	Outer diameter: 12 mm
	Inner diameter: 8 mm
	Fitting inner diameter: 6,2 mm
	Flow rate: 29 I./min
	Minimum bending radius: 25 mm
	Working pressure: 10 bar
	Temperature 90 °C
T	H_2O potable

Fittings	Ø inner (mm)	Ø Fitting Inner (mm)	Pacl uts./bag	kage uts./box	Length (mm)
H 3/8″ - M 10x1 - L17	8	6	10	100	300 400 500
H 3/8″ - M 10x1 - L37	8	6	10	100	300 400 500
H 3/8″ - M 10x1 - L50	8	6	10	100	300 400 500





DN8 TAQ BICO

- A. Brass CW617N
- B. Incorporated EPDM washer
- C. Stainless steel AISI304
- D. Stainless steel braided AISI 304
- E. EPDM

Applications







WATER RANGE

回き Taq Bico

CONNECTING SOLUTION FOR SANITARY APPLICATIONS 3/8" AND/OR ¹/₂"





FEMALE - COMPRESSION Ø10 mm

(Other sizes availables)

Fittings	Ø Inner (mm)	Ø Fitting inner (mm)		kage uts./box	Length (mm)
H 3/8″ - Compression Ø10 mm	8	6	10	100	100 150 200 250 300 350 400 500
H 1/2" - Compression Ø10 mm	8	6	10	100	100 150 200 250 300 350 400 500



MALE - COMPRESSION Ø10 mm

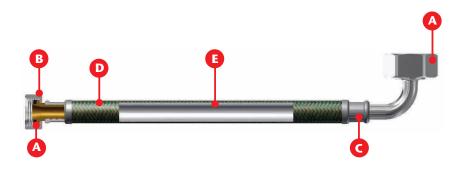


(Other sizes availables)

Fittings	Ø Inner (mm)	Ø Fitting inner (mm)		k age uts./box	Length (mm)
M 3/8" - Compression Ø10 mm	8	6	10	100	100 150 200 250 300 350 400 500
M 1/2″ - Compression Ø10 mm	8	6	10	100	100 150 200 250 300 350 400 500



► Applications





DN8 TAQ CODO

- A. Brass CW617N
- B. EPDM
- C. Stainless steel AISI304
- D. Stainless steel braided AISI 304
- E. EPDM



AND/OR ¹/₂"

WATER RANGE

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Taq Codo





FEMALE - FEMALE ELBOW

CONNECTING SOLUTION FOR

SANITARY APPLICATIONS 3/8"

Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	Pacl uts./bag	k age uts./box	Length (mm)
H 3/8" - Elbow H 3/8"	8	6	10	100	200 250 300 350 400 500 600 800 1.000
H 1/2" - Elbow H 1/2"	8	6	10	100	200 250 300 350 400 500 600 800 1.000



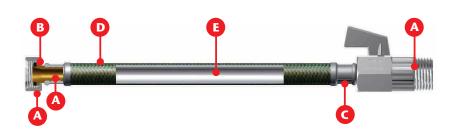
MALE - FEMALE ELBOW



Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	Pack uts./bag	age uts./box	Length (mm)
M 3/8" - Elbow H 3/8"	8	6	10	100	200 250 300 350 400 500 600 800 1.000
M 1/2" - Elbow H 1/2"	8	6	10	100	200 250 300 350 400 500 600 800 1.000



Applications





DN8 TAQ LLAVE

- A. Brass CW617N
- **B.** Incorporated EPDM washer
- C. Stainless steel AISI304
- D. Stainless steel braided AISI 304
- E. EPDM



WATER RANGE



CONNECTING SOLUTION FOR SANITARY APPLICATIONS 3/8" AND/OR ¹/₂"



10 bar

90

Working pressure:

Temperature

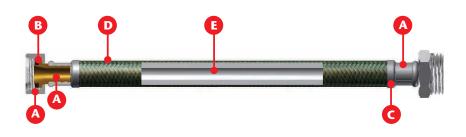
G H,O potable

FEMALE - BALL VALVE 1/2" 🝙

Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./ box	Length (mm)
H 3/8" - Ball valve M 1/2"	8	6	10	100	200 250 300 350 400 500
H 1/2" - Ball valve M 1/2"	8	6	10	100	200 250 300 350 400 500



Applications



DN11 TAQ FORTE

- A. Brass CW617N
- **B.** Incorporated EPDM washer
- C. Stainless steel AISI304
- D. Stainless steel braided AISI 304
- E. EPDM



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WATER RANGE







CONNECTING SOLUTION FOR

FLOW RATE < 50 Lit./min.

Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	uts./ bag	uts./box	Length (mm)
	11	9 E	8,5 10	250 200	150 200
H 1/2" - H 1/2"				150	250 300
11 1/2 -11 1/2		0,5		100	350 400 500 600

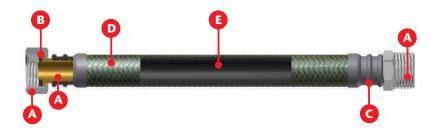




Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	uts./ bag	uts./ box	Length (mm)
	11		8,5 10 -	250 200	150 200
M 1/2" - H 1/2"		9.5		150	250 300
W 1/2 -111/2		6,5		100	350 400 500 600

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Applications

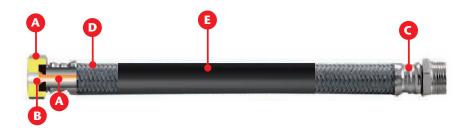


DN13 TAQ SUPER

- A. Brass CW617N
- **B.** Incorporated EPDM washer
- C. Stainless steel AISI304
- D. Stainless steel braided AISI 304
- E. EPDM



Applications





DN13 TAQ SUPER ACB

- A. Brass CW617N
- B. Incorporated EPDM washer
- C. Stainless steel AISI304
- D. Stainless steel braided AISI304
- E. EPDM

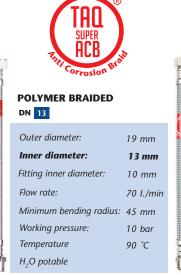


CONNECTING SOLUTION FOR HEATING AND AIR CONDITIONING EQUIPMENT 1/2" AND/OR 3/4" - FLOW RATE < 70 Lit. / min.



STAINLESS STEEL BRAIDED

Ø	Outer diameter:	17 mm
	Inner diameter:	13 mm
0	Fitting inner diameter:	9,8 mm
$oldsymbol{\Theta}$	Flow rate:	70 I./min
	Minimum bending radius:	45 mm
	Working pressure:	10 bar
e le c	Temperature	90 °C
G	H_2O potable	





Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	Pac l uts./bag	k age uts./box	Length (mm)
Н 1/2" - Н 1/2"			100	100	150 200 250 300
	13	9,8 10 50	350 400 500 600 800 1.000		
H 3/4" - H 3/4"	13	9,8	10	50	150 200 250 300 350 400 500 600 800 1.000
H 3/4" - H 1/2"	13	9,8	10	50	150 200 250 300 350 400 500 600 800 1.000

30

WATER RANGE





Taq Super

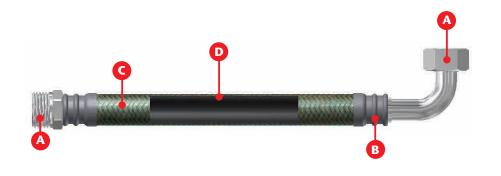
Taq Super ACB



Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	Pacl uts./bag	kage uts./box	Length (mm)
				100	150 200 250 300
M 1/2" - H 1/2"	13	9,8	10	50	350 400 500 600 800 1.000
M 3/4" - H 3/4"	13	9,8	10	50	150 200 250 300 350 400 500 600 800 1.000
M 3/4" - H 1/2"	13	9,8	10	50	150 200 250 300 350 400 500 600 800 1.000
M 1/2" - H 3/4"	13	9,8	10	50	150 200 250 300 350 400 500 600 800 1.000



Applications





DN13 TAQ SUPER CODO

- A. Brass CW617N
- B. Stainless steel AISI304
- C. Stainless steel braided AISI304
- D. EPDM



WATER RANGE

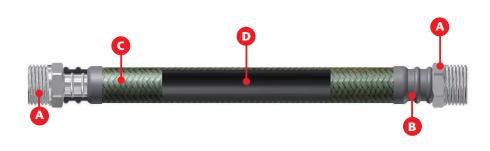
FOR HEAT CONDITION 1/2" AND/	FING SOLUT FING AND A ONING EQU 'OR ³ /4" – Fi O Lit. / min	AIR JIPMI LOW			Statistics Statistics				
	Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)			
FEMALE - ELBOW	H 1/2" - ELBOW H 1/2"	13	9,8	10	100	200 250 300 350			
FEMALE					50	400 500 600 800 1.000			
	H 3/4" - ELBOW H 3/4"	13	9,8	10	50	200 250 300 350 400 500 600 800 1.000			
	H 1/2" - ELBOW H 3/4"	13	9,8	10	50	200 250 300 350 400 500			
MALE - ELBOW FEMALE	M 1/2" - ELBOW H 1/2"	13	9,8	10	100 50	200 250 300 350 400 500 600 800 1.000			
	M 3/4" - ELBOW H 3/4"	13	9,8	10	50	200 250 300 350 400 500 600 800 1.000			
	M 1/2" - ELBOW H 3/4"	13	9,8	10	50	200 250 300 350 400 500 600			



Taq Super Codo



Applications





DN13 TAQ SUPER CONTADOR

- A. Brass CW617N
- B. Stainless steel AISI304
- C. Stainless steel braided AISI 304
- D. EPDM



WATER RANGE

CONNECTING SOLUTION FOR WATER METER







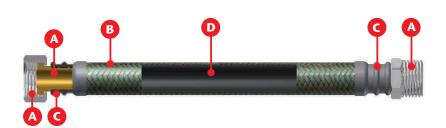
STAINLESS STEEL BRAIDED

Ø	Outer diameter:	17 mm
Ø	Inner diameter:	13 mm
0	Fitting inner diameter:	9,8 mm
$oldsymbol{\Theta}$	Flow rate:	70 I./min
	Minimum bending radius:	45 mm
BAR	Working pressure:	10 bar
•	Temperature	90 ℃
G	H_2O potable	



Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
M 3/4" - M 7/8"	13	9,8	10	50	120





DN19-DN50 TAQ EXTRA

- A. Brass CW617N
- B. Stainless steel AISI304
- C. Stainless steel braided AISI 304
- D. EPDM

Applications







CONNECTING SOLUTION FOR HEATING AND AIR CONDITIONING EQUIPMENT 3/4" TO 2" - HIGH FLOW RATES



Taq Extra

	S	TAIN	LESS S	TEEL B	RAÏDEI)
	*	*	3 3 / 4//	1 1 /0//	2"	
Outer diameter:	3/4" 27	33	1 1/4" 42	1 1/2" 52	2″ 62	mm
Inner diameter:	19	25	30	40	50	mm
Fitting inner diameter:	15	20	25	32	40	mm
Flow rate:	120	200	400	700	1050	I./min
Minimum bending radius:	70	100	190	230	300	mm
Working pressure:	10	10	10	8	7	bar
Temperature	90	90	90	90	90	°C

TAD EXTRA

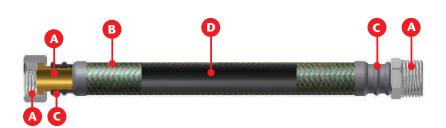




Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
H 3/4" - H 3/4"	19	15	5	30	300 400 500 600 800 1.000
H 1″ - H 1″	25	20	3	21	300 400 500 600 800 1.000
H 1 1/4″ - H 1 1/4″	30	25	3	9	300 400 500 600 800 1.000
H 1 1/2″ - H 1 1/2″	40	32	2	8	300 400 500 600 800 1.000
H 2″ - H 2″	50	40	1	5	300 400 500 600 800 1.000







DN19-DN50 TAQ EXTRA

- A. Brass CW617N
- B. Stainless steel AISI304
- C. Stainless steel braided AISI 304
- D. EPDM







CONNECTING SOLUTION FOR HEATING AND AIR CONDITIONING EQUIPMENT 3/4" TO 2" - HIGH FLOW **RATES (Continued)**





STAINLESS STEEL BRAIDED

		3/4″	1″	1 1/4″	1 1/2″	2″	
Ø	Outer diameter:	27	33	42	52	62	mm 🏻
\oslash	Inner diameter:	19	25	30	40	50	mm
0	Fitting inner diameter:	15	20	25	32	40	mm
$oldsymbol{\Theta}$	Flow rate:	120	200	400	700	1050	I./min
	Minimum bending radius:	70	100	190	230	300	mm
	Working pressure:	10	10	10	8	7	bar
10	Temperature	90	90	90	90	90	°C
G	H ₂ O potable						ł

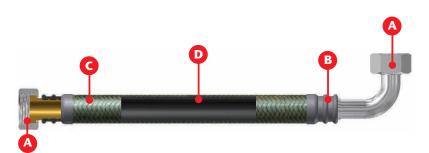
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Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
M 3/4" - H 3/4"	19	15	5	30	300 400 500 600 800 1.000
M 1″ - H 1″	25	20	3	21	300 400 500 600 800 1.000
M 1 1/4″ - H 1 1/4″	30	25	3	9	300 400 500 600 800 1.000
M 1 1/2" - H 1 1/2"	40	32	2	8	300 400 500 600 800 1.000
M 2" - H 2"	50	40	1	5	300 400 500 600 800 1.000





DN19-DN25 TAQ EXTRA CODO

- A. Brass CW617N
- B. Stainless steel AISI304
- C. Stainless steel braided AISI 304
- D. EPDM



O tucai®

WATER RANGE

CONNECTING SOLUTION FOR HEATING AND AIR CONDITIONING EQUIPMENT WITH ELBOW FITTING ³/₄" AND 1" – HIGH FLOW RATES





	STAINLESS STEEL	STAINLESS STEEL BRAIDED				
		*	*		1	
		3/4"	1″			
	Outer diameter:	27	33	mm	1	
\oslash	Inner diameter:	19	25	тт		
0	Fitting inner diameter:	15	20	mm		
Θ	Flow rate:	120	200	I./min		
	Minimum bending radius:	70	100	mm		
BAR	Working pressure:	10	10	bar		
T	Temperature	90	90	°C		
G	H ₂ O potable				Į	



FEMALE - ELBOW FEMALE



Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts.box	Length (mm)
H 3/4" - ELBOW H 3/4"	19	15	5	30	300 400 500 600 800 1.000
H 1″ - ELBOW H 1″	25	20	3	21	300 400 500 600 800 1.000



MALE - ELBOW FEMALE



Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
M 3/4" - ELBOW H 3/4"	19	15	5	30	300 400 500 600 800 1.000
M 1″ - ELBOW H 1″	25	20	3	21	300 400 500 600 800 1.000



- Materials

DN13-DN50 RIVER

- A. Brass CW617N
- B. Stainless steel AISI304
- C. Galvanized steel
- D. EPDM



GALVANIZED STEEL CONNECTING SOLUTION FOR PUMPS AND OTHER INDUSTRIAL APPLICATIONS 1/2" TO 2" -HIGH FLOW RATES





WARNING

The installation of galvanized steel braided connectors requires a special supervision in order to detect any possible deterioration of the braid by corrosive agents or a humid environment where condensation is likely to happen.



FEMALE - FEMALE

		GALVANIZED STEEL BRAID						
		1/2″	3/4″	1″ 1	1//4″ 1	1//2″	2″	
Ø	Outer diameter:	19	27	33	43	53	63	mm
\oslash	Inner diameter:	13	19	25	30	40	50	mm
0	Fitting inner diameter:	9,5	15	20	25	32	40	mm
$oldsymbol{\Theta}$	Flow rate:	65	120	200	400	700	1050	I./min
RATEUS	Minimum bending radius:	45	80	100	190	230	300	mm
BAR	Working pressure:	12	12	10	9	8	7	bar
Ic	Temperature	90	90	90	90	90	90	°C
G	H ₂ O potable							
6	Food use							

1.000

		· · · · ·			
Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
H 1/2" - H 1/2"	13	9,5	10	50	300 400 500 600 800 1.000
H 3/4" - H 3/4"	19	15	5	30	300 400 500 600 800 1.000
H1"-H1"	25	20	3	21	300 400 500 600 800 1.000
H 1 1/4" - H 1 1/4"	30	25	3	9	300 400 500 600 800 1.000
Н 1 1/2" - Н 1 1/2"	40	32	2	8	300 400 500 600 800 1.000
H 2" - H 2"	50	40	1	5	300 400 500 600 800

4



GALVANIZED STEEL CONNECTING SOLUTION FOR PUMPS AND OTHER INDUSTRIAL APPLICATIONS 1/2" TO 2" -HIGH FLOW RATES (Continued)



WARNING

The installation of galvanized steel braided connectors requires a special supervision in order to detect any possible deterioration of the braid by corrosive agents or a humid environment where condensation is likely to happen.



MALE - FEMALE



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MALE - FEM	ALE				
Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
M 1/2" - H 1/2"	13	9,5	10	50	300 400 500 600 800 1.000
M 3/4" - H 3/4"	19	15	5	30	300 400 500 600 800 1.000
M 1″ - H 1″	25	20	3	21	300 400 500 600 800 1.000
M 1 1/4" - H 1 1/4"	30	25	3	9	300 400 500 600 800 1.000
М 1 1/2" - Н 1 1/2"	40	32	2	8	300 400 500 600 800 1.000
M 2" - H 2"	50	40	1	5	300 400 500 600 800 1.000

RIVER®

	GALVANIZED STEEL BRAID						
	1/2″	3/4″	1″ 1	1//4″ 1	1//2″	2″	1
Outer diameter:	19	27	33	43	53	63	mm
Inner diameter:	13	19	25	30	40	50	mm
Fitting inner diameter:	9,5	15	20	25	32	40	mm
Flow rate:	65	120	200	400	700	1050	I./min
Minimum bending radius:	45	80	100	190	230	300	mm
Working pressure:	12	12	10	9	8	7	bar
Temperature	90	90	90	90	90	90	°C
$H_{2}O$ potable							
Food use							1







GALVANIZED STEEL BRAID

Ø Outer diameter:

Inner diameter:

Working pressure:

🜗 Temperature

G H₂O potable

G Food use

Given Flow rate:

Fitting inner diameter:

Minimum bending radius: 80

3/4" 1"

120 200 I./min

90 °C

100 mm

27 33 mm

19 25 mm

15 20 mm

12 10 bar

90



WARNING

The installation of galvanized steel braided connectors requires a special supervision in order to detect any possible deterioration of the braid by corrosive agents or a humid environment where condensation is likely to happen.

DN19-DN25 RIVER CODO





Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
H 3/4" - ELBOW H 3/4"	19	15	5	30	300 400 500 600 800 1.000
H 1″ - ELBOW H 1″	25	20	3	21	300 400 500 600 800 1.000





Fittings	Ø Inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
M 3/4" - ELBOW H 3/4"	19	15	5	30	300 400 500 600 800 1.000
M 1″ - ELBOW H 1″	25	20	3	21	300 400 500 600 800 1.000



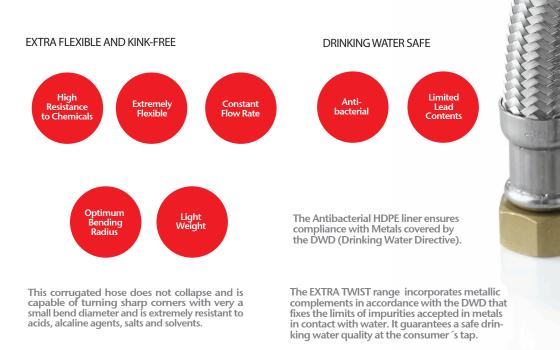




// EXTRA TWIST A RELIABLE SOLUTION TO HIGH FLOW FLEXIBLE CONNECTORS

Constructed out of corrugated HDPE inner core covered with AISI 304 Stainless Steel braiding, EXTRA TWIST connectors are extremely flexible and do not kink nor crimp. They maintain optimum flow with no restriction. They are designed for use with boilers, softeners, pumps, water-meters, heating systems and water filtration installations.

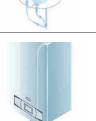
//UNIQUE CHARACTERISTICS AND ADVANTAGES





EXTREME FLEXIBILITY AND KINK RESISTANCE COMBINED WITH GUARANTEED HIGH-FLOW RATES

//APPLICATIONS









CORRUGATED HDPE LINER
Extra flexible

NEW ANTIBACTERIAL

RAW BRASS FITTINGS

(CW626N)

 Standard brass (CW617N) Dezincification resistant brass

- Kink-free

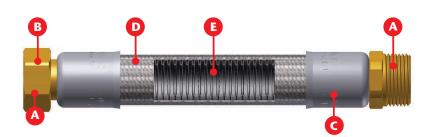
- Kink-free
 Optimum Bending Radius
 Guaranteed Constant Flow Rate
 Longtime Performance and Resistance to Chemicals

AISI 304 STAINLESS STEEL BRAID

- High quality AISI304 Stainless Steel
 Widely used

	DN13	DN13 DN19 DN25 DN3		DN32	DN40	DN50
ID // Øi (mm)	13	19	26	32,5	36	48
OD // Øe (mm)	17,5	25	32	40	44	55
Inner Fitting Diameter	7,5	15	20	27	30	41
Flow Rate (3bar)	45	120	200	400	650	1050
Bending Radius	30	35	45	60	70	100
*Max Pressure	Sanita	ary 16 bar/ +		Sanitary 12 bar/ + 70°C		
*Maximum Temperature		ng 12 bar/ +	Heating 12 bar/ + 90°C			
		num conditi r/ + 110℃	Maximum conditions for short term use 10 bar/ + 110°C			





DN19-DN50 EXTRA TWIST

- A. Brass CW617N
- B. CSA320 fiber washers included
- C. Stainless steel AISI304
- D. Stainless steel braided AISI 304
- E. HDPE





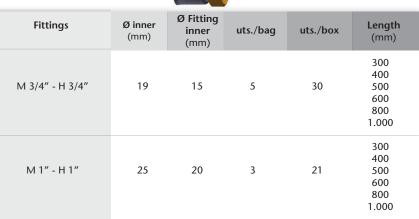


CONNECTING SOLUTION FOR HEATING AND AIR CONDITIONING EQUIPMENT 3/4" AND 1" -Extra Twist **HIGH FLOW RATES** TWIST STAINLESS STEEL BRAIDED 3/4″ 1″ Ø Outer diameter: 25 32 тт *Inner diameter*: 19 26 mm Fitting inner diameter: 15 20 mmGillion Flow rate: 120 200 I./min Minimum bending radius: 35 45 тт Working pressure: Sanitario 16 bar/ + 70°C Temperature Calefacción 12 bar/ + 90°C G H,O potable **FEMALE - FEMALE**

Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
H 3/4" - H 3/4"	19	15	5	30	300 400 500 600 800 1.000
H 1″ - H 1″	26	20	3	21	300 400 500 600 800 1.000



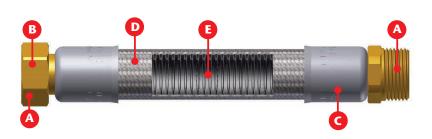
MALE - FEMALE



4



► Applications





DN19-DN50 EXTRA TWIST

- A. Brass CW617N
- B. CSA320 fiber washers included
- C. Stainless steel AISI304
- D. Stainless steel braided AISI 304
- E. HDPE



CONNECTING SOLUTION FOR HEATING AND AIR CONDITIONING EQUIPMENT 1 1/4", 1 1/2" AND 2" – HIGH FLOW RATES





	STAINLESS STEEL BRAIDED								
		1 1/4″	1 1/2"	2″					
Ø	Outer diameter:	40	44	55	mm				
\oslash	Inner diameter:	3 <i>2,5</i>	36	48	mm				
0	Fitting inner diameter:	27	30	41	mm				
$oldsymbol{\Theta}$	Flow rate:	400	650	1050	I./min				
	Minimum bending radius:	60	70	100	mm				
BAR	Working pressure:	Sanitary	16 bar/ +	70°C					
•	Temperature	Heating	12 bar/ +	90°C					

 \bigcirc H₂O potable





Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
Н 1 1/4" - Н 1 1/4"	32,5	27	1	9	300 400 500 600 800 1.000
H 1 1/2″ - H 1 1/2″	36	30	1	8	300 400 500 600 800 1.000
H 2″ - H 2″	48	41	1	5	300 400 500 600 800 1.000







Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
M 1 1/4″ - H 1 1/4″	32,5	27	1	9	300 400 500 600 800 1.000
M 1 1/2" - H 1 1/2"	36	30	1	8	300 400 500 600 800 1.000
M 2″ - H 2″	48	41	1	5	300 400 500 600 800 1.000



//PULL-OUT POLYMER BRAIDED CONNECTOR

The most flexible polybraided hose is featured with a strong corrugated inner hose covered with tightly braided polyester fibers, which can endure the long time bending and keep the original performance of tubing.

Engineered to ensure a secure connection to your faucet.



Built to last even under the harshest conditions when exposed to common household cleaners and chemicals.

Kink Free







Strong Corrosion Resistance





//CERTIFICATIONS

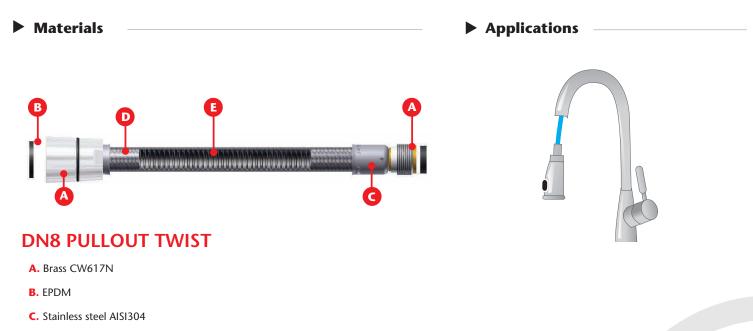


A KINK-FREE POLYBRAIDED HOSE WITH A GUARANTEED FLOW RATE FOR OPTIMAL KITCHEN FAUCET PERFORMANCE AND SMOOTH GLIDE



9444<l



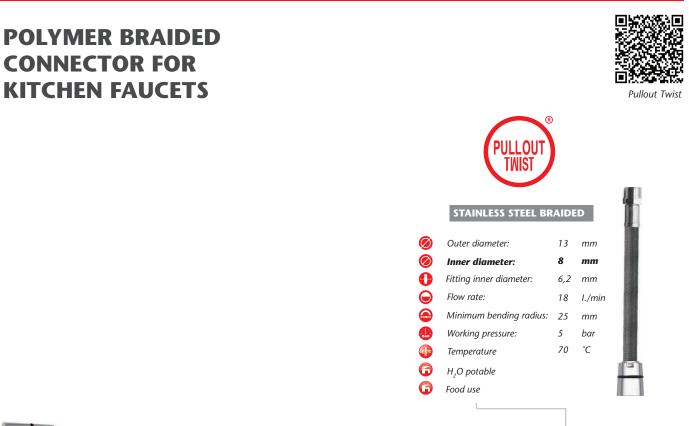


- D. Polymer braided
- E. HDPE



CONNECTOR FOR

WATER RANGE



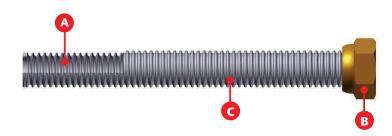


CONICAL NUT - MALE 15X1

Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
H 1/2" conical - M15x1	8	6,2	1	70	1.500







DN12-DN16 KIT RIVER INOX

- A. Stainless steel AISI304
- B. Brass
- C. Protective cover

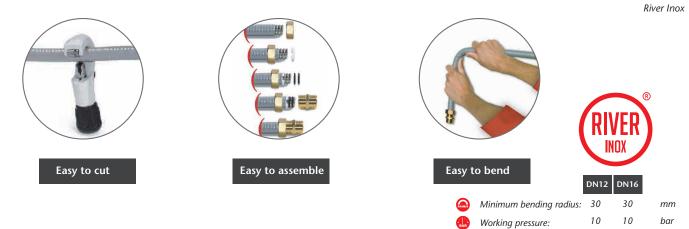




KIT SOLUTION FOR THE CONNECTION OF WATER HEATERS PVC COATED

🛈 tucai®





Easy installation kit

de

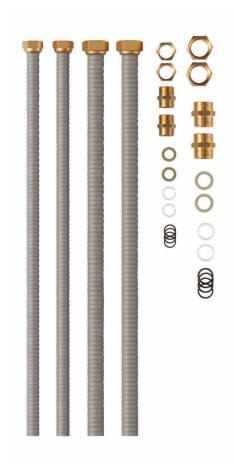
Temperature

90

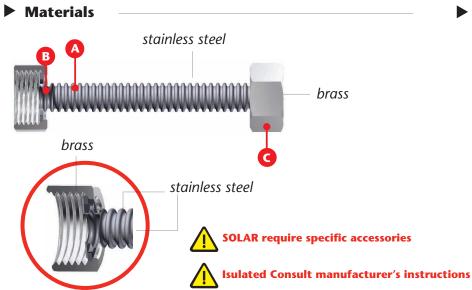
90

°C

	Fittings	Ø inner (mm)	Ø Fitting inner (mm)	uts./bag	uts./box	Length (mm)
	2 tubes 1/2" + connection fittings	12	17			
Kit =	2 tubes 1/2" + connection fittings	16	22	1	10	500

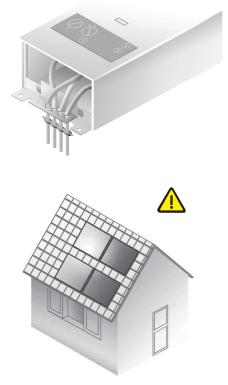






DN8-DN25 RIVER INOX

- A. Stainless steel AISI316L
- **B**. Stainless steel AISI316L





WATER RANGE

CONN HEAT	IECTIO ERS A	ON OF ND S	OR TH WATI OLAR MENT	R	¢		VER NOX	DN8 12,1	DN12 16,5	DN16 21,5	DN20 26,5	DN25	River Inox
Fittings	Ø inner (mm)	Ø Outer (mm)	Length (mm)	<u>RIVER INC</u>		Minimum ben	ter: ding radius:	8 3/8″ 10	12 1/2″ 10	16 3/4″ 10	20 1″ 10	25 1 1/4 10	mm ″ mm bar
3/8″	8	12,1	4 10 20 50			working press				10	10	10	Dui
1/2″	12	16,5	4 10 20 50					\$ 25					
3/4″	16	21,5	4 10 20 50					<u>R INOX</u> allation					
1″	20	26,5	4 10 20 50										
1 1/4″	25	32	10 20 50					R INOX		t			
	<u>river in</u>	OX Accessor	ies										
	Fittings		Accessories				RIVE	<u>r inox</u>	Access	ories			
	3/8″	N Si	ty rings Nut eals tings (extra surface)				lastic ca Hamme					
	1/2″	N Si	y rings Nut eals tings (extra surface)			Toolir	ng 1/2″ ing 1″ -	+3/4"				
	3/4"		ety rings Nut Seals ïittings (extra surfa	e)			т	ube cut	ter				
	1″	:	ety rings Nut Seals ïittings (extra surfa	e)			O lucai		8)	Si	2		
	1 1/4"	Safet N Se	y rings Nut eals tings (extra surface					3	83	00	4	Man	
ASS	EMBLY IN	STRUCTIO	ONS										
Cut to the desired with the tub cutte				Thread on t	he nut	Place the		ace the to	bol				_
H			end of the the piston			safety ring					The tu	be seat i reaa	

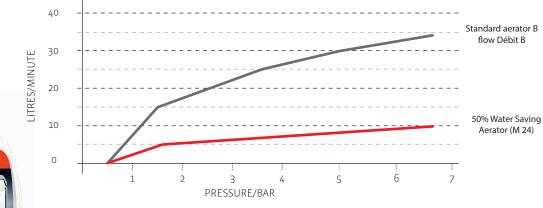
VERY IMPORTANT 

ED'EAL

WATER

AERATORS - 50% WATER SAVING

FLOW COMPARISON CHART



🔘 tucai



Aerator M24 50%

tor M24 for taps (bathroom, kitchen), domestic use

Package	units /bag
blister	1
box	10

Aerator M24 ANTIBACTERIUM 42.4 and the standard factors

erator M24 antibacterium f	or taps
Package	units /bag
blister	1



Aerator M24 VANDAL RESISTANT
Aerator M24 vandal resistant for taps. Key for maintenance.

Package	units
5	/hag

	/bay
blister	1



Stabilizer 9 l	/min		
shower stabilizer with	a return valve	9L/min for	households.

Package	units /bag
blister	1



Flexible brass kitchen H22 50% Stabilizer shower 9 L/min without check valve		
Package	units /bag	
blister	1	

Flexible brass kitchen cromed aerator

SPECIFIC DESIGN OF FILTER FOR LONG LIFE



STANDARD LONG LIFE 30%

-The upper filter has been designed with an innovative geometry which gives it a working life up to 30% longer before reaching saturation by articles compared with the ususal aerators on the market. -Manufactured with plastics technically prepared to

delay the adherence of limescale contained in the water.



Aerator H22 50%

Aerator M24 for taps (bathroom, kitchen), domestic use.

Package	units /bag
blister	1
box	10

Aerator M24 ANTIBACTERIUM:

-Specially designed for not to mix the air-water, pending their use, preventing the bacterium proliferation. It is recommended in the public places where need the maximum hygiene.

-Manufactured with plastics technically prepared to delay the limescale adherence contained in the water.

Aerator M24 VANDAL RESISTANT: -The assembly is only possible with the multi-purpose spanner key, and one time assembled, the brass ring turn and it is impossible to dismantle by hand.



Joint Bidet

Pa

Joint bidet M24 with aerator H22 50%

ackage	units /bag
blister	1

Flexible brass kitchen cromed aerator

Flexible brass kitchen H22 50% Stabilizer (2 positions) shower 9 L/min without check valve



Kit M24 50%

Application: Taps for domestic use

Package	units /package
blister	2 units M24 50% + key

<u>Kit M24 + H22 50%</u>

Application: Taps for domestic use

Package	units /package
blister	3 units M24 50% + 1 unit H22 50% + key

Kit "Entire apartment"

Application: Taps for domestic use

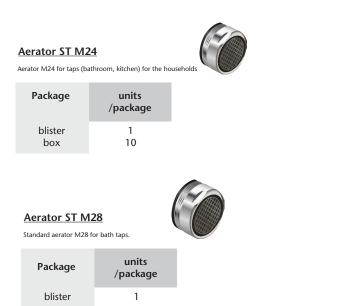
Package	units /package
blister	3 units M24 50% + 1 unit H22 50% + 1 unit Stabilizer 9 l/min. + Key







STANDARD AERATORS



Aerator ST M24 Standard aerator H22 for the households.

Packageunits
/packageblister1box10



()<











G

Temperature

H₂O potable







60°C

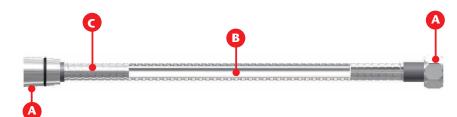
Sí

Shower PVC

Fittings	uts./bag	uts./box	Length (mm)
Knurled Nut 1/2" - Conical nut 1/2" with anti-twist system	1	32	1.750







- A. Chromed-plated brass
- B. PVC
- **C**. Chromed-plated brass with double-lock





BRASS SHOWER HOSE



Super Flexo



igodol	Flow rate:	26 l/m
	Minimum bending radius:	37 mm
BAR	Working pressure:	5 bar
•]•	Temperature	60°C



HEXAGONAL NUT - CONICAL NUT

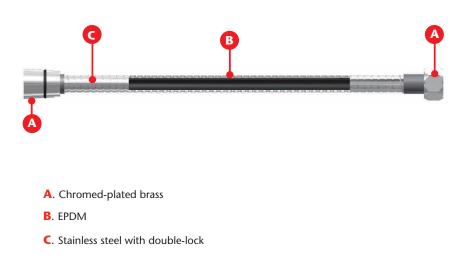


Brass shower



Fittings	uts./bag	uts./box	Length (mm)
Hexagonal nut 1/2" - Conical nut 1/2" with O-ring	1	25	1.500 1.750 2.000



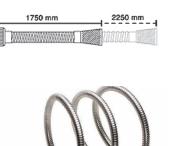






Super Flexo Extensible

STAINLESS STEEL EXTENSIBLE SHOWER HOSE



Ø	Outer diameter:	14 mm
\oslash	Inner diameter:	7,5 mm
0	Fitting inner diameter:	6 mm
$oldsymbol{\Theta}$	Flow rate:	26 l/m @ 3 bar
	Minimum bending radius:	37 mm
	Working pressure:	5 bar
J.	Temperature	60°C
G	H ₂ O potable	Sí



HEXAGONAL NUT - CONICAL NUT

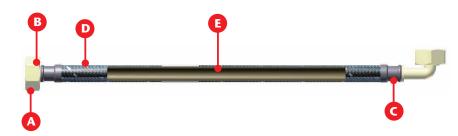




Shower Inox

Fittings	uts./bag	uts./box	Length (mm)
Hexagonal nut 1/2" - Conical nut 1/2" with O-ring	1	25	1.750 - 2.250





- A. Poliamid
- B. Incorporated EPDM washer
- C. Stainless steel AISI304
- D. PVC
- E. PVC





WASHING MACHINE INLET PVC HOSE



Taq Lavadoras

		WASHING MACHINE PVC	
$oldsymbol{\Theta}$	Flow rate:	40	l/min
RADBUS	Minimum bending ra	dius: 40	mm
BAR	Working pressure:	15	bar
F	Temperature	22	°C



all.

FEMALE - ELBOW FEMALE



- 3-4

Washing machine PVC plastic nuts

Fittings	Selling unit	uts./box	Length (mm)
Injection plastic nut 3/4" - Elbow and injection plastic nut 3/4"	caja	25	1.750 2.000







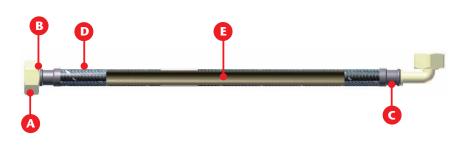


Washing machine PVC plastic

Fittings	uts./bag	uts./box	Length (mm)
Injection plastic nut 3/4" - Elbow and injection plastic nut 3/4"	1	25	1.500 2.000







- A. Brass
- B. Incorporated EPDM washer
- C. Stainless steel AISI304
- D. PVC
- E. PVC





WASHING MACHINE INLET PVC HOSE WITH METALLIC FITTINGS







Washing machine PVC with metallic nuts

Fittings	uts./bag	uts./box	Length (mm)	(TAD) LAVADORAS
Metallic nut 3/4" - Elbow in injection of plastic and metall nut 3/4"	ic caja	25	1.500 2.000 2.500 3.000	

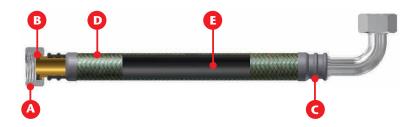




Washing machine PVC with metallic nuts

Fittings	uts./bag	uts./box	Length (mm)	(TAD) LAVADORAS
Metallic nut 3/4" - Elbow in injection of plastic and metallic nut 3/4"	1	25	1.500 2.000 2.500 3.000	LAVADURAS





- A. Brass
- **B**. Incorporated EPDM washer
- C. Stainless steel AISI304
- D. Stainless steel AISI304
- E. EPDM



O tucai°

WATER RANGE

WASHING MACHINE INLET STAINLESS STEEL BRAIDED HOSE



		WASHING MACHINE	
igodol	Flow rate:	40	l/min
RADIUS	Minimum bending radius:	35	mm
BAR	Working pressure:	20	bar
FIC	Temperature	90	⁰C



FEMALE - ELBOW FEMALE



Washing machine Inox

Fittings	selling unit	uts./bag	Length (mm)
Metallic nut 3/4" - Metallic elbow and nut 3/4"	bolsa 1 unidad	25	1.500 2.000 2.500 3.000



Materials

► Applications







WATER RANGE

WASHING OUTLET PV)	I Taq Lavadoras
		Outlet connector for washing machine PVC			
	Diameter	selling unit	uts./ box	Length (mm)	
	Ø19 mm Ø21 mm.	caja	25	1.500 2.000 3.000	
O tucai		(LAVADORAS ®		
				washing machine P	VC
	Diameter	unidades /bolsa	uts./ box	Length (mm)	
	Ø19 mm Ø21 mm.	1	25	1.500 2.000 3.000	
			E LAVADORAS	<i>.</i>	
		Extensible of selling unit	utlet connecto uts./ box	r for washing mach Length	ine PVC
	Diamater	sening unit		(mm)	
	Ø19 mm Ø21 mm.	caja	25	700 / 2.000	
Otucai			REAL REAL REAL REAL REAL REAL REAL REAL		
		Extensible c	outlet connecte	or for washing mac	hine PVC
	Diameter	unidades /bolsa	uts./ box	Length (mm)	
	Ø19 mm Ø21 mm.	1	25	700 / 2.000	
	Bending support selling unit uts./ box				
	caja 25				



MERCHANDISING





WALL DISPLAY



Wall Display TAQ SUPER DN13



Wall Display TAQ DN8



Description	TUCAI Reference	Dimensions	PVP (unit)
Display water DN8	1067	70 flexibles	40 €

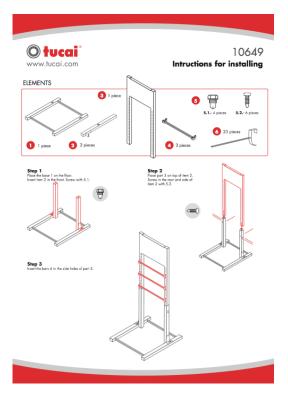


Description	TUCAI Reference	Dimensions	PVP (unit)
Display water DN13	1065	63 flexibles	40 €

STANDALONE DISPLAY

Display Kit with 30 hooks and assembly instructions





HANGERS

For TAQ DN8 and TAQ-SUPER DN13 ranges (including the same for ACB)





Follow the installation and use recommendations set out below to guarantee the complete reliability of the product. THE MANUFACTURER DECLINES ALL LIABILITY IN THE EVENT OF FAILING TO HEED THE INSTALLATION AND USE RECOMMENDATIONS.

Check the installation to rule out a potential leak in the flexible connector.

WATER RECOMMENDATIONS	CORRECT	INCORRECT
Replace the flexible connector if not used for more than one year. Water that has remained stagnant for a long period of time may produce a negative effect on the product in relation to the taste of the drinking water.		
Check the state of the flexible connector components regularly and replace them if the braid is damaged or worn. In the event of detecting damage such as frayed threads, replace the product.		
When not used for 3 months, clean the flexible connector with a stream of clean running water.		
Before installing the flexible connector, check that the hood is sufficiently taut. In the event of doubt, no do install the flexible connector.		
Connecting to the tap: screw on the male connector by hand after checking that the O-ring is in the correct position. There is no need to use a key. Screw the nuts by hand after checking that the O-ring is in the correct position. Be sure to use the adequate tools.		
Connection to the 3/8" and 1/2" stopcock: Screw on by hand and make a half-turn adjustment with the appropriate key. Check there are no leaks. If there are, retighten slightly with the key.		
The flexible connector must be installed so that it is exposed, without passing through the wall. Never use galvanised steel braid to insulate a flexible connector.		
To ensure adequate use, always install the flexible connector with an elbow or a straight part that is sufficient before the curve (1.5 - 2 times the external diameter).		
Respect the minimum radius of curvature indicated specifically for each diameter. NOTE: The twist admits a greater curvature.		

WITH NO TENSION

UNDER TENSION



Use Recommendations

WATER RECOMMENDATIONS	CORRECT	INCORRECT
Do not install a flexible connector that is under tension or twisted.		
Do not apply any occasional or constant external force once installed (do not leave elements supported by or hanging from the flexible connector).		
Prolonged contact with aggressive cleaning products or chemicals could damage the surface and cause the deterioration of the flexible connector.		
Check the ground connections of household appliances (air conditioning units, tubs, etc.) connected to the flexible connector, as electrical dispersion could corrode the flexible connector.		

OTHER RECOMMENDATIONS

- The use of chemicals in the water could cause damage to the installation and to the flexible connector cores. Consult a specialist to determine the compatibility of the chemical additives with the system materials.
- The water that passes through the Tucai flexible connectors must comply with the following characteristics:
 - The water pH must be between 6 and 8. The water must be free of chlorite, chloride and ammonium compounds, which are all potentially corrosive and harmful to materials in contact with the water.
 - > Use only additives that maintain the water pH neutral.
 - > Do not use additives composed of mineral oils or amines.
- Failure to abide by these warnings could contaminate the water and expose the system to irreparable damage.
- For indoor use only; do not expose the flexible connector to direct sunlight.
- Consult TUCAI's Technical Department for special applications beyond the intended use.

Flexible connector thermal insulation

In the event of having to install thermal insulation on the flexible connector, be sure to use only self-adhesive shell type insulation. Other types of thermal insulation are not recommended, due to the need to use a special adhesive that could damage the flexible connector braid.

The use of any adhesive (other than the one intended for the self-adhesive shell insulation type) is specifically forbidden. These adhesives could cause irreparable damage to your flexible connector.

If you need to install thermal insulation on the flexible connectors, make sure it complies in full with the Installation Manual and with the advice and warnings given by the insulation manufacturer.

Consult the latest version of the recommendations at <u>www.tucai.com</u> or using the QR code.

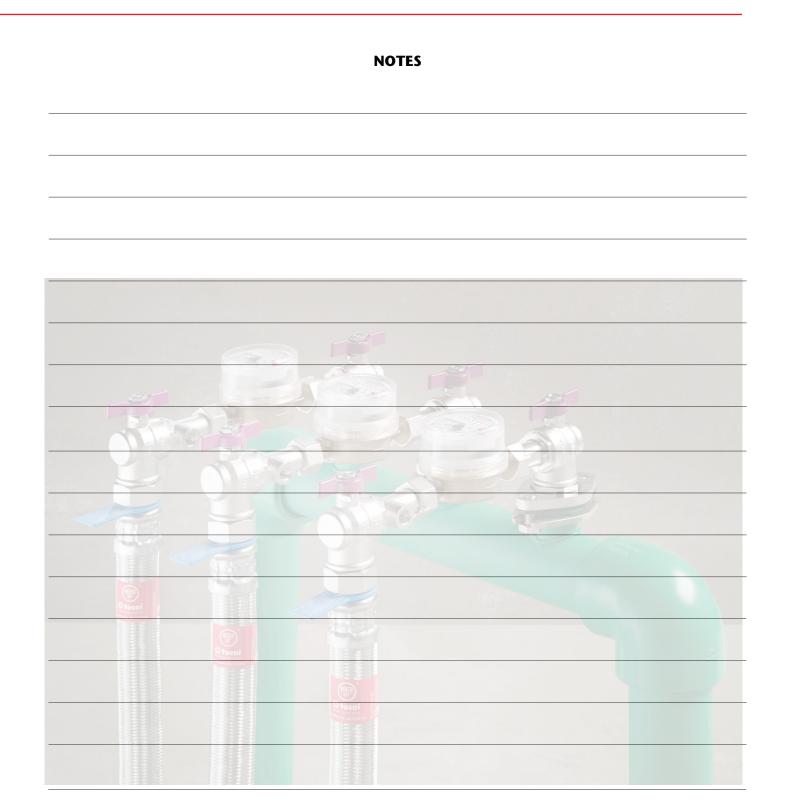




Use Recommendations

GAS RECOMMENDATIONS	CORRECT	INCORRECT
Check the state of the flexible connector components regularly and replace them if the connector or components are damaged or worn. If you detect any damage, replace the product.		
Before installing the flexible connector, check that the hood is sufficiently taut. In the event of doubt, no do install the flexible connector.		
The flexible connector must be installed so that it is exposed, without passing through the wall.		
To ensure adequate use, always install the flexible connector with an elbow or a straight part that is sufficient before the curve.		SSS X
Do not install a flexible connector that is under tension.		
		<
Do not apply any occasional or constant external force once installed (do not leave elements supported by or hanging from the flexible connector).		
Prolonged contact with aggressive cleaning products or chemicals could damage the external braid and cause it to break.		
Check the ground connections of household appliances (air conditioning units, tubs, etc.) connected to the flexible connector, as electrical dispersion could corrode the flexible connector.		

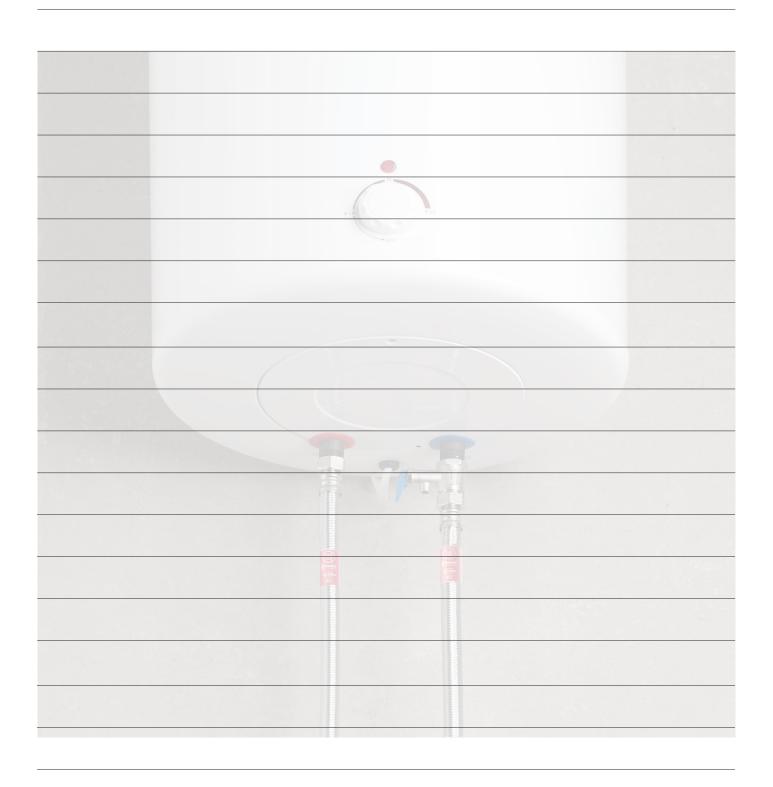
Consult the latest version of the recommendations and the specific installation manual for each gas product at www.tucai.com or using this QR code.







NOTES







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