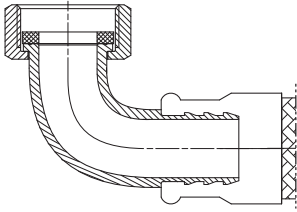
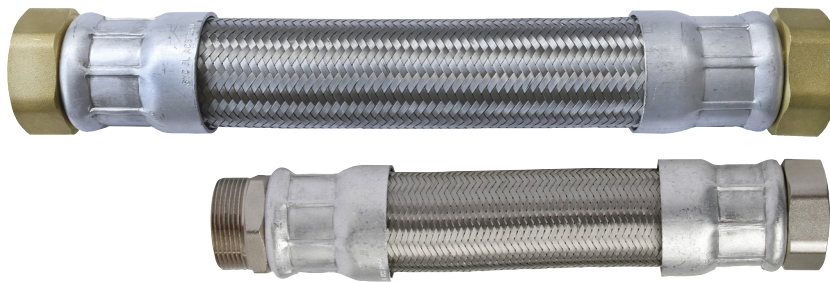


TUBO FLESSIBILE IN ACCIAIO INOX DN 19-50

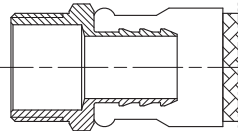
STAINLESS STEEL FLEXIBLE CONNECTORS DN 19-50



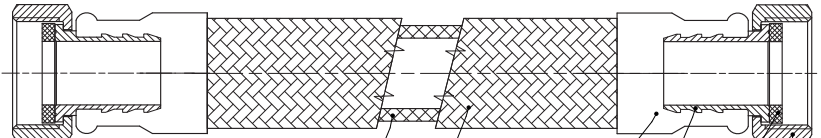
DN 19-50



Raccordo gomito: filettatura femmina ISO 228-1
Elbow union: female thread ISO 228-1



Raccordo: filettatura maschio ISO 228-1
Union: male thread ISO 228-1



Raccordo: filettatura femmina ISO 228-1
Union: female thread ISO 228-1



DESCRIZIONE DEI COMPONENTI - COMPONENTS DESCRIPTION

Ítem	Descrizione - Description	Materiale - Material	Finitura - Surface
1	Dadi esagonali - Hexagonal fittings	Ottone - Brass CW617N	Nichelato - Nickel plated
2	Guarnizione - Joints	EPDM	-
3	Supporti - Supports	Ottone - Brass CW617N	-
4	Bocolla - Sleeves	Acciaio Inossidabile - Stainless Steel AISI 304	-
5	Treccia - Braid	Acciaio Inossidabile - Stainless Steel AISI 304	-
6	Tubo interno - Inner tube	EPDM	-

¹⁾ Alluminio per dimensioni da 1 1/4" a 2" - Aluminium for sizes from 1 1/4" to 2".

CARATTERISTICHE TECNICHE

- Conforme alla norma UNI EN 13618.
- Diametri interni: 19, 25, 30, 40 e 50 mm.
- Diametri esterni: 27, 33, 43, 53 e 63 mm.
- Diametri di passaggio: 15, 20, 25, 32 e 40 mm.
- Flusso nominale: 120, 200, 400, 700 e 1050 l/min.
- Raggi di curvatura minimi: 80, 100, 190, 230 e 300 mm.
- Tubo interno in EPDM - Certificazione ACS.
- Treccia in acciaio inox AISI 304.
- Bocolla in acciaio inox AISI 304 (per dimensioni da 3/4" e 1").
- Bocolla in alluminio (per dimensioni da 1 1/4" a 2").
- Raccordi in ottone nichelato con filettature maschio e femmina secondo UNI EN ISO 228-1.
- Guarnizione in EPDM incorporata.
- Pressione massima di lavoro: 16 bar.
- Temperatura massima di lavoro: 90 °C.
- Adatto per acqua potabile.

APPLICAZIONI GENERALI

- Batterie contatori, gruppi di pressione, pompe per acqua, condizionamento d'aria, applicazioni industriali.

Ossezzazioni:

Data la complessità, la varietà e l'elevato numero di specifiche particolari di ciascuna installazione, unitamente all'esistenza di vari fattori che possono influenzare le condizioni di lavoro e la natura del prodotto, è responsabilità dell'utente finale eseguire le prove necessarie per garantire il corretto funzionamento del prodotto in ogni specifica applicazione.

L'installazione del prodotto deve essere eseguita e mantenuta secondo codici di buona pratica e/o norme vigenti.

BASIC FEATURES

- According to EN 13618 standard.
- Internal diameters: 19, 25, 30, 40 y 50 mm.
- External diameters: 27, 33, 43, 53 y 63 mm.
- Passage diameters: 15, 20, 25, 32 y 40 mm.
- Nominal flows: 120, 200, 400, 700 y 1050 l/min.
- Minimum bending radius: 80, 100, 190, 230 y 300 mm.
- EPDM inner tube - ACS certification.
- Stainless steel braid AISI 304.
- Stainless steel sleeves AISI 304 (for sizes 3/4" and 1").
- Aluminium sleeves (for sizes from 1 1/4" to 2").
- Nickel-plated brass fittings with female and male threads according to EN ISO 228-1.
- EPDM gasket incorporated.
- Maximum working pressure: 16 bar.
- Maximum working temperature: 90 °C.
- Suitable for drinking water.

GENERAL APPLICATIONS

- Water meters, pressure meters, water pumps, air conditioning, industrial applications.

Remarks:

Due to the complexity, variety and large number of particular specifications for each installation, along with the existence of diverse factors which can affect the working conditions and nature of the product, it is the responsibility of the end-user to carry out the necessary tests to ensure the proper functioning of the product in any specific application.

Product installation must be carried out and maintained following the good practice codes and/or updated technical standards.

Rev.0-10.24

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www.atusagroup.com

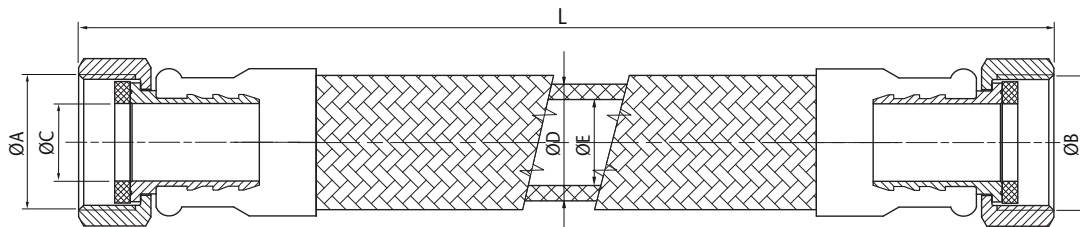
TUBO FLESSIBILE IN ACCIAIO INOX DN 19-50

STAINLESS STEEL FLEXIBLE CONNECTORS DN 19-50



RACCORDI: FILETTATURA FEMMINA CONFORME UNI EN ISO 228-1

UNIONS: FEMALE THREADS ACCORDING TO EN ISO 228-1



INFORMAZIONI TECNICHE - TECHNICAL INFORMATION

DIMENSIONE SIZE	COD.	PN	DIMENSIONI - DIMENSIONS						Raggio di curvatura Bending radius	Flusso nominale Nominal flow	Peso approx. Weight approx.	
			ØA (mm)	ØB (mm)	ØC (mm)	ØD (mm)	ØE (mm)	L (mm)	(mm)	(l/min)	(kg)	
F-F 3/4"	19	H3H4H430	16	G 3/4	G 3/4	15	27	19	300	min. 80 mm	120	0,368
	19	H3H4H440	16	G 3/4	G 3/4	15	27	19	400	min. 80 mm	120	0,421
	19	H3H4H450	16	G 3/4	G 3/4	15	27	19	500	min. 80 mm	120	0,474
	19	H3H4H460	16	G 3/4	G 3/4	15	27	19	600	min. 80 mm	120	0,526
	19	H3H4H480	16	G 3/4	G 3/4	15	27	19	800	min. 80 mm	120	0,632
	19	H3H4H499	16	G 3/4	G 3/4	15	27	19	1000	min. 80 mm	120	0,738
F-F 1"	25	H3H5H530	16	G 1	G 1	20	33	25	300	min. 100 mm	200	0,412
	25	H3H5H540	16	G 1	G 1	20	33	25	400	min. 100 mm	200	0,452
	25	H3H5H550	16	G 1	G 1	20	33	25	500	min. 100 mm	200	0,492
	25	H3H5H560	16	G 1	G 1	20	33	25	600	min. 100 mm	200	0,887
	25	H3H5H580	16	G 1	G 1	20	33	25	800	min. 100 mm	200	1,020
	25	H3H5H599	16	G 1	G 1	20	33	25	1000	min. 100 mm	200	1,730
F-F 1 1/4"	30	H3H6H630	16	G 1 1/4	G 1 1/4	25	43	30	300	min. 190 mm	400	0,763
	30	H3H6H640	16	G 1 1/4	G 1 1/4	25	43	30	400	min. 190 mm	400	1,245
	30	H3H6H650	16	G 1 1/4	G 1 1/4	25	43	30	500	min. 190 mm	400	1,345
	30	H3H6H660	16	G 1 1/4	G 1 1/4	25	43	30	600	min. 190 mm	400	1,445
	30	H3H6H680	16	G 1 1/4	G 1 1/4	25	43	30	800	min. 190 mm	400	1,645
	30	H3H6H699	16	G 1 1/4	G 1 1/4	25	43	30	1000	min. 190 mm	400	1,845
F-F 1 1/2"	40	H3H7H730	16	G 1 1/2	G 1 1/2	32	53	40	300	min. 230 mm	700	0,793
	40	H3H7H740	16	G 1 1/2	G 1 1/2	32	53	40	400	min. 230 mm	700	1,290
	40	H3H7H750	16	G 1 1/2	G 1 1/2	32	53	40	500	min. 230 mm	700	1,390
	40	H3H7H760	16	G 1 1/2	G 1 1/2	32	53	40	600	min. 230 mm	700	1,490
	40	H3H7H780	16	G 1 1/2	G 1 1/2	32	53	40	800	min. 230 mm	700	1,690
	40	H3H7H799	16	G 1 1/2	G 1 1/2	32	53	40	1000	min. 230 mm	700	3,780
F-F 2"	50	H3H8H830	16	G 2	G 2	40	63	50	300	min. 300 mm	1050	1,310
	50	H3H8H840	16	G 2	G 2	40	63	50	400	min. 300 mm	1050	1,410
	50	H3H8H850	16	G 2	G 2	40	63	50	500	min. 300 mm	1050	1,510
	50	H3H8H880	16	G 2	G 2	40	63	50	600	min. 300 mm	1050	3,220
	50	H3H8H880	16	G 2	G 2	40	63	50	800	min. 300 mm	1050	3,620
	50	H3H8H899	16	G 2	G 2	40	63	50	1000	min. 300 mm	1050	4,020

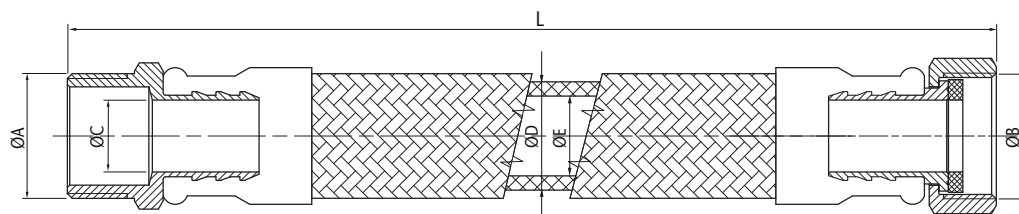
TUBO FLESSIBILE IN ACCIAIO INOX DN 19-50

STAINLESS STEEL FLEXIBLE CONNECTORS DN 19-50



RACCORDI: FILETTATURE MASCHIO E FEMMINA CONFORMI UNI EN ISO 228-1

UNIONS: MALE AND FEMALE THREADS ACCORDING TO EN ISO 228-1



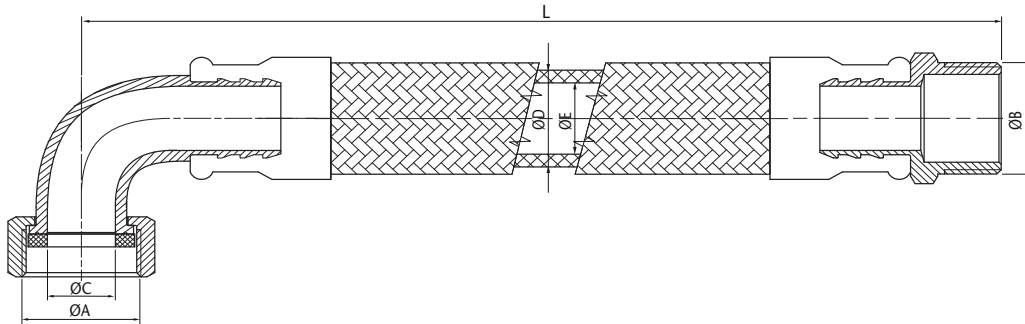
INFORMAZIONI TECNICHE - TECHNICAL INFORMATION

DIMENSIONE SIZE	COD.	PN	DIMENSIONI - DIMENSIONS						Raggio di curvatura Bending radius	Flusso nominale Nominal flow	Peso appross. Weight approx.	
			ØA (mm)	ØB (mm)	ØC (mm)	ØD (mm)	ØE (mm)	L (mm)				
M - M 3/4" - F - F 3/4"	19	H3M4H430	16	G 3/4	G 3/4	15	27	19	300	min. 80 mm	120	0,340
	19	H3M4H440	16	G 3/4	G 3/4	15	27	19	400	min. 80 mm	120	0,383
	19	H3M4H450	16	G 3/4	G 3/4	15	27	19	500	min. 80 mm	120	0,432
	19	H3M4H460	16	G 3/4	G 3/4	15	27	19	600	min. 80 mm	120	0,480
	19	H3M4H480	16	G 3/4	G 3/4	15	27	19	800	min. 80 mm	120	0,616
	19	H3M4H499	16	G 3/4	G 3/4	15	27	19	1000	min. 80 mm	120	0,640
M - M 1" - F - F 1"	25	H3M5H530	16	G 1	G 1	20	33	25	300	min. 100 mm	200	0,480
	25	H3M5H540	16	G 1	G 1	20	33	25	400	min. 100 mm	200	0,560
	25	H3M5H550	16	G 1	G 1	20	33	25	500	min. 100 mm	200	0,640
	25	H3M5H560	16	G 1	G 1	20	33	25	600	min. 100 mm	200	0,700
	25	H3M5H580	16	G 1	G 1	20	33	25	800	min. 100 mm	200	0,880
	25	H3M5H599	16	G 1	G 1	20	33	25	1000	min. 100 mm	200	1,050
M - M 1 1/4" - F - F 1 1/4"	30	H3M6H630	16	G 1 1/4	G 1 1/4	25	43	30	300	min. 190 mm	400	0,750
	30	H3M6H640	16	G 1 1/4	G 1 1/4	25	43	30	400	min. 190 mm	400	0,950
	30	H3M6H650	16	G 1 1/4	G 1 1/4	25	43	30	500	min. 190 mm	400	1,050
	30	H3M6H660	16	G 1 1/4	G 1 1/4	25	43	30	600	min. 190 mm	400	1,170
	30	H3M6H680	16	G 1 1/4	G 1 1/4	25	43	30	800	min. 190 mm	400	1,400
	30	H3M6H699	16	G 1 1/4	G 1 1/4	25	43	30	1000	min. 190 mm	400	1,630
M - M 1 1/2" - F - F 1 1/2"	40	H3M7H730	16	G 1 1/2	G 1 1/2	32	53	40	300	min. 230 mm	700	1,000
	40	H3M7H740	16	G 1 1/2	G 1 1/2	32	53	40	400	min. 230 mm	700	1,200
	40	H3M7H750	16	G 1 1/2	G 1 1/2	32	53	40	500	min. 230 mm	700	1,300
	40	H3M7H760	16	G 1 1/2	G 1 1/2	32	53	40	600	min. 230 mm	700	1,400
	40	H3M7H780	16	G 1 1/2	G 1 1/2	32	53	40	800	min. 230 mm	700	1,600
	40	H3M7H799	16	G 1 1/2	G 1 1/2	32	53	40	1000	min. 230 mm	700	2,040
M - M 2" - F - F 2"	50	H3M8H830	16	G 2	G 2	40	63	50	300	min. 300 mm	1050	1,150
	50	H3M8H840	16	G 2	G 2	40	63	50	400	min. 300 mm	1050	1,300
	50	H3M8H850	16	G 2	G 2	40	63	50	500	min. 300 mm	1050	1,450
	50	H3M8H860	16	G 2	G 2	40	63	50	600	min. 300 mm	1050	3,400
	50	H3M8H880	16	G 2	G 2	40	63	50	800	min. 300 mm	1050	4,000
	50	H3M8H899	16	G 2	G 2	40	63	50	1000	min. 300 mm	1050	4,600

TUBO FLESSIBILE IN ACCIAIO INOX DN 19-50
STAINLESS STEEL FLEXIBLE CONNECTORS DN 19-50



RACCORDI: FILETTO MASCHIO E GOMITO FEMMINA CONFORMI UNI EN ISO 228-1
UNIONS: MALE AND ELBOW FEMALE THREADS ACCORDING TO EN ISO 228-1



INFORMAZIONI TECNICHE - TECHNICAL INFORMATION

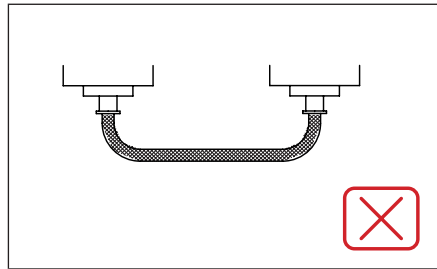
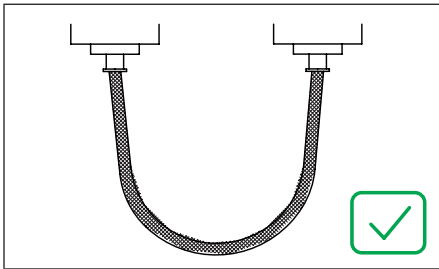
DIMENSIONE SIZE	COD.	PN	DIMENSIONI - DIMENSIONS						Raggio di curvatura Bending radius	Flusso nominale Nominal flow	Peso appros. Weight aprox.	
			ØA (mm)	ØB (mm)	ØC (mm)	ØD (mm)	ØE (mm)	L (mm)	(mm)	(l/min)	(kg)	
1"	25	H3M5C560	16	G 1	G 1	20	33	25	600	min. 100 mm	200	0,829
	25	H3M5C580	16	G 1	G 1	20	33	25	800	min. 100 mm	200	1,009
1 1/4"	30	H3M6C660	16	G 1 1/4	G 1 1/4	25	43	30	600	min. 190 mm	400	1,356
	30	H3M6C680	16	G 1 1/4	G 1 1/4	25	43	30	800	min. 190 mm	400	1,586



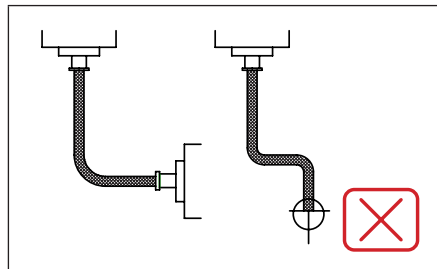
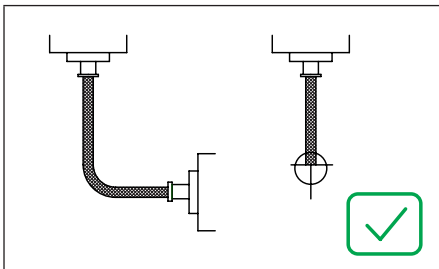
ISTRUZIONI DI MONTAGGIO
ASSEMBLING INSTRUCTIONS

Prima di utilizzare il tubo flessibile, verificare che il prodotto sia in perfette condizioni.
I tubi devono essere installati a vista. Non devono attraversare pareti.

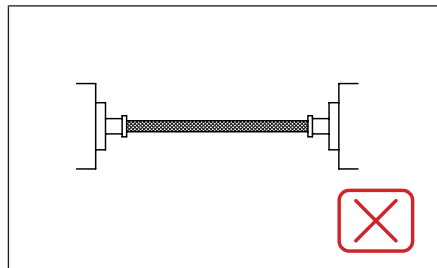
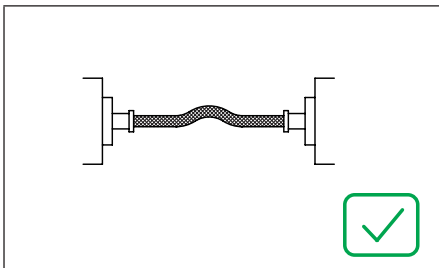
*Before using the flexible connector, verify that the product is under perfect conditions.
The flexible connectors must be installed visible. They do not have to go through the wall.*



1. Rispettare il raggio di curvatura minimo per ogni diametro.
Respect the minimum bending radius for each diameter.



2. Assicurarsi che il flessibile non sia sottoposto a nessuna torsione.
Ensure that the flexible connector is not twisted.



3. Prevedere una lunghezza maggiore per evitare tensioni.
Allow extra length to avoid any tension.

NOTA IMPORTANTE: La responsabilità del produttore è esclusa se le raccomandazioni di installazione non vengono rispettate.

IMPORTANT NOTE: The responsibility of the manufacturer is excluded in case of not respecting the recommendations of installation.

Nota: A causa del costante sviluppo dei nostri prodotti, i dati forniti possono essere modificati senza preavviso.

Note: Due to the continuous development of our products, specifications may be changed without notification at any time.

Rev.0-10.24

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