Made in Italy

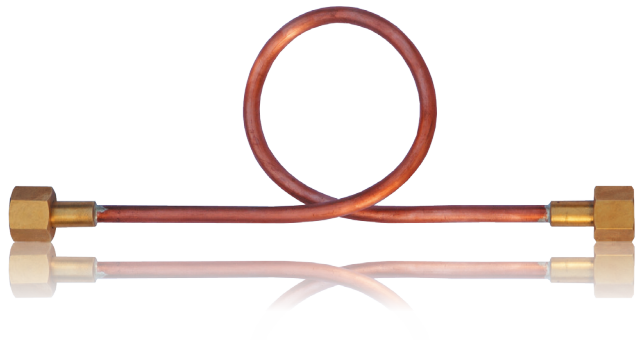
md® www.md-srl.it

High pressure flexible connections

ITALCERT CE 0426

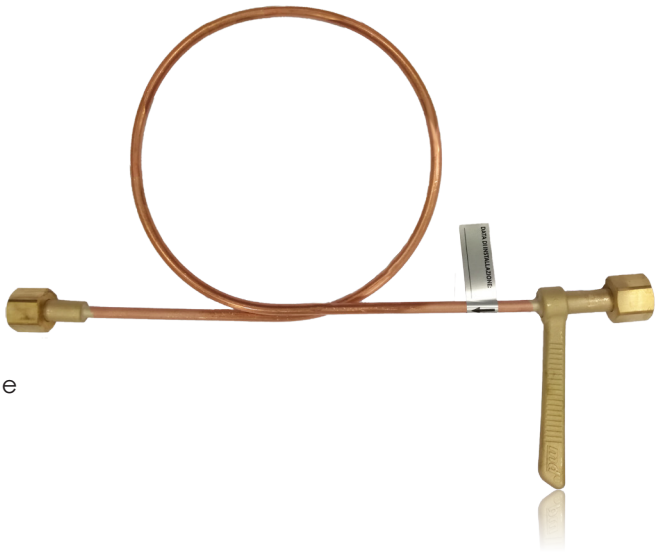
IDENTIFICATION

- Flexible pigtail pipe for connection between cylinders and cylinder manifolds
- Flexible pigtail pipe for connection between cylinder manifolds, decompression stations and HP purge valves
- Gas-specific threaded inlet fitting in compliance with national standards
- Laser-marking of gas, production lot and product code



CE MARKING

Notified body: 0426
CE marking in risk class II B in accordance with Legislative Decree 24 February 1997, no. 46 "Implementation of Directive 93/42/EEC, concerning Medical Devices" and further modifications



REFERENCE STANDARD

ISO 21969: "High-pressure flexible connections for use with medical gas systems"

ISO 7396-1: "Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum"

HTM 02-01: "Medical gas pipeline systems"

ISO 15001: "Anaesthetic and respiratory equipment. Compatibility with oxygen"

* Validity of the standards is referred to the current year

- Gases: Oxygen, Air, N_2O, CO_2
- Storage and working temperature: -20 °C ÷ +60 °C
- Test pressure: 220 bar
- Cylinder pigtails pipe diameter: Ø= 8 x 2 mm
- HP flexible connection pipe: Ø= 10 x 2.5 mm

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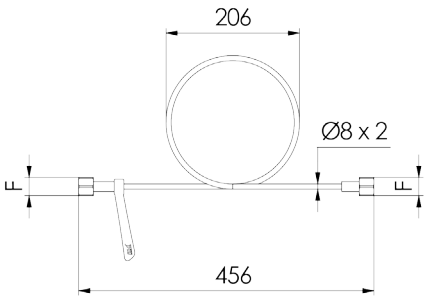
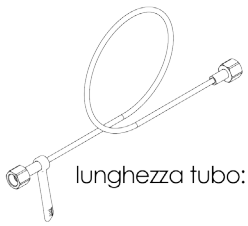
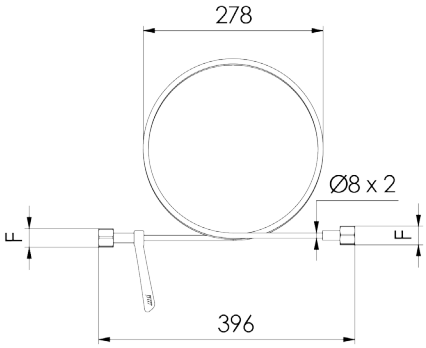
DIMENSIONS

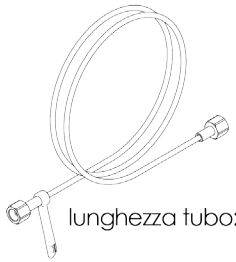
CYLINDER PIGTAILS PF-40UF-0yyy



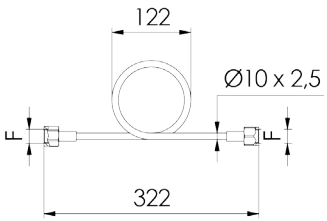


CYLINDER PIGTAILS PF-40UF-2yyy





HP FLEXIBLE CONNECTION FOR MANIFOLD- DECOMPRESSION UNIT PF-40UT-0000



CODE	TYPE	GAS	CONNECTIONS		PERFORMANCE		PACKAGING	
			THREAD	REFERENCE STANDARD	WORKING PRESSURE bar	FLOW RATE/ PRESSURE DROP *	type	kg
PF-40UF-00O2	Pigtail	**O_2**	**W 21,7 x 1/14" F** copper gasket	UNI 11144	200	5 m^3/h 20 kPa	bag	0.7
PF-40UF-00AC	Pigtail	**Air**	**W 30 x 1/14" F** copper gasket	UNI 11144	200	5 m^3/h 20 kPa		
PF-40UF-0N2O	Pigtail	**N_2O**	**G 3/8" F** copper gasket	UNI 11144	60	5 m^3/h 20 kPa		
PF-40UF-0CO2	Pigtail	**CO_2**	**W 27 x 2 F** NBR 70 o-ring	ISO 5145	60	5 m^3/h 20 kPa		
PF-40UF-000N	Pigtail	**N**	**W 21,7 x 1/14" M** copper gasket	UNI 11144	200	5 m^3/h 20 kPa		
PF-40UF-20O2	Pigtail L= 2 m	**O_2**	**W 21,7 x 1/14" F** copper gasket	UNI 11144	200	5 m^3/h 20 kPa		1.1
PF-40UF-20AC	Pigtail L= 2 m	**Air**	**W 30 x 1/14" F** copper gasket	UNI 11144	200	5 m^3/h 40 kPa		
PF-40UF-2N2O	Pigtail L= 2 m	**N_2O**	**G 3/8" F** copper gasket	UNI 11144	60	5 m^3/h 40 kPa		
PF-40UT-0000	HP flexible connection	**all gases**	**W21,7 x 1/14" F** copper gasket	-	200	50 m^3/h 80 kPa		0.6

* Pressure drop measured at 1500 kPa pressure and @ specified flow rate, in compliance with reference standard ISO 21969, par. 6.2.5