

FIVC Flexible Hose

EPDM – PN 6/10/15/30 – Stainless Steel Braiding



FFL/FFH series

Technical data

Main features and materials

- Body Inner hose: FFL: EPDM
FFH: EPDM + Kevlar® or Rayon
- Braiding: Stainless Steel
- Fittings: Fp - Brass CW614N/CW617N and Steel
- Sleeves: Stainless and Aluminium
- Bending radius: FFL: 45-220 mm
FFH: 90-130 mm

Field of applications

- Temperature range: -5 to 90 °C (peaks allowed up to 100 °C for FFH_L)
- Max. working pressure: FFL: 15-6 bar
FFH: 30-15 bar
- Temperature of passing: 85 °C
- Installation room temp.: 65 °C (for Low pressure series)
- Water networks
- Boilers
- Purifications plants
- Pumps
- Surge tanks

Description

FIVC Flexible Hose is designed as an anti-vibration hose for the connection between water supply networks, boilers, burners, steam plants etc., in which high pressure and high temperatures are required.

The FIVC Flexible Hose is constructed with EPDM body, hence the hose features a high strength, ensuring less breaking and a high flexibility. Further, with the long lifespan that the EPDM provides, the selection of the EPDM body does lead to cost efficiency.

FIVC provides two different series including a Low-Pressure series (FFL) and a High-Pressure series (FFH) featuring diffe-

rent characteristics. While the FFL series does not have any reinforcement of interwoven wires in the chemical compound, the FFH series is reinforced with Kevlar® and Rayon. The FIVC Flexible Hose can be used for Water.

Insulation

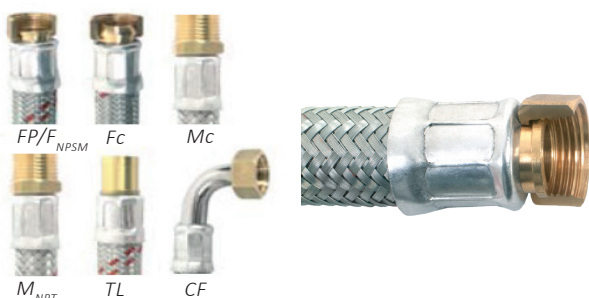
FIVC provides solid insulation for its flexible hoses by request. Made by elastomer foamed plastic, the insulation prevents heat loss as well as frost formations. It does also prevent the condensation process, ensuring a safer and more reliable piping system. Thickness from 9-32 mm.

Connections

Fitting Identification code*	Size (DN)					
	13	19	25	32	40	50
FP	13	19	25	32	40	50
Fc	13	19	25	32	40	50
F NPSM	13	19	25	32	40	50
Mc	13	19	25	32	40	50
M NPT	13	19	25	32	40	50
CF	13	19	25	32	40	50
TL	13	19	25	32	40	50

*Fp: Female fitting, cylindrical ISO-G, flat sealing surface
Fp NPSM: Female fitting, cylindrical, NPSM thread
Fc = Female fitting, cylindrical ISO-G, conical sealing surface
Fc NPSM: Female fitting, cylindrical NPSM thread
Mc: Male fitting, conical ISO-R thread
M NPT: Male fitting, conical NPT thread
CF: Elbow female fitting, cylindrical ISO-G, flat sealing surface
TL: Smooth fitting

Please note that high pressure series is only provided with Fp-, Mc-, and/or M NPT fitting.



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All data sheets are subject to changes without prior notice

Product Information

Product code	Hose		Size*			PN	Packaging (pcs per bundle)	Chemical compound (Reinforcement)
	DN	Inch	Braiding	Bending radius	Passage hole			
FFL013BBS15MF01300	13	1/2	19	45	10	15	20	-
FFL019BBS15MF01300	19	3/4	27	75	15	15	10	-
FFL025BBS15MF01300	25	1	34	90	20	15	5	-
FFL032BBS10MF01300	32	1 1/4	41	120	26	10	1	-
FFL040JA10MF01300	40	1 1/2	52	150	33	10	1	-
FFL050JA6MF01300	50	2	64	180	41	6	1	-
FFH013BBS30MF01300	13	1/2	19	90	10	30	20	Kevlar®
FFH019BBS30MF01300	19	3/4	27	90	15	30	10	
FFH025BBS30MF01300	25	1	34	110	20	30	5	
FFH032BBS25MF01300	32	1 1/4	42	130	26	25	-	Rayon
FFH040BS20MF01300	40	1 1/2	52	150	32	20	-	
FFH050BS20MF01300	50	2	62	180	41	20	-	

*Dimensions are in millimeters

Product Specification

Name	Material	
	FFL Low pressure series	FFH High pressure series
Inner hose	EPDM rubber	EPDM rubber Reinforced with: DN 13-25: Kevlar® DN 32-50: Rayon
External braiding	Stainless Steel AISI 304	Stainless Steel AISI 304
Nut	DN 13-32: Brass CW614N DN 40-50: Steel	DN 13-32: Brass CW614N DN 40-50: Steel
Fittings	DN 13-32: Brass CW617N DN 40-50: Steel	Brass CW617N
Sleeves	DN 13-19: Stainless Steel/ Aluminium DN 25-32: Stainless Steel DN 40-50: Aluminium	Stainless Steel