

Flexible Hose For Fancoil Unit

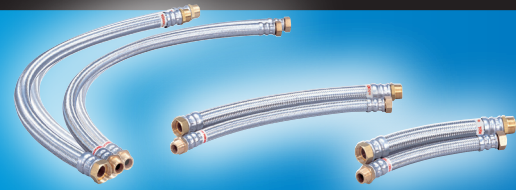
FACOLEX

FACOLEX flexible hoses are made of EPDM tube braided with stainless steel wire.

They are applicable with water exclusively. FACOLEX is the most suitable connecting hoses for fancoil units and sanitary equipment.

FACOLEX is very attractive with its excellent performance and outstanding reliability where a similar conventional one is not comparable with.

Other important features of FACOLEX are



Feature

New type of flexible hoses

It is made of an elastomer tube and is sufficiently strengthened by stainless steel wire braiding.

Reliable and durable

The high grade elastomer body material used effectively stabilizes water pressure against the effects of temperature fluctuation. The body material is also proofed against rusting and corrosion.

Minimize chance of water leakage in piping system

FACOLEX is designed with a limited number of threading for connection in piping system, which helps to reduce the chance of water leakage. The number of joints used in the piping system may be reduced 83-87% with the use of FACOLEX.

Efficient installation

Installation has become easier and more cost effective by the use of flexible elastomer body, which requires less fitting space and considerable reduction of labor hours.

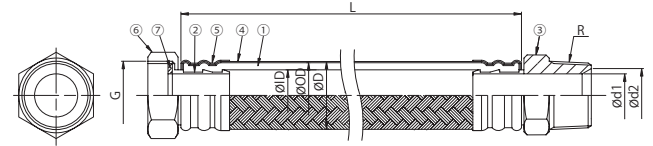
Useful to isolate sound and vibration

The use of FACOLEX reduces the transmission of sound and vibration which helps to relieve the occurrence of pulsation and water hammer.

Easy for maintenance and replacement

Maintenance and replacement are easier by using FACOLEX.

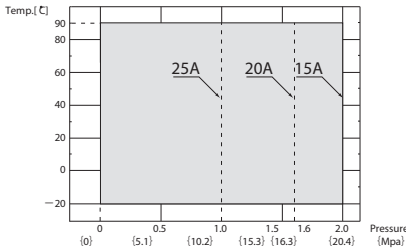
Structure



No.	Parts	Material	No.	Parts	Material
①	Tube	EPDM	⑤	Collar	SUS304
②	Sleeve	BsBM / BC6	⑥	Cap Nut	BsBM / BC6
③	Nipple	BsBM / BC6	⑦	Gasket	Non-asbestos
④	Braid	SUS304			

- FACOLEX standard end connections : One end adaptor, BsBM, parallel thread completed with gasket.
The other end nipple, BsBM, male tapered thread.
- Other end connections like (adaptor x adaptor) and (nipple x nipple) are available. Please consult us.

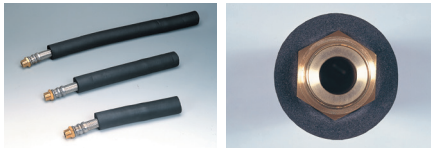
Operating Conditions



Nominal Dia. (MPa)	Max. Operating Pressure (Kgf/cm ²)
15	20
20	16
25	10

Remark : FACOLEX is not applicable to oil.

FACOLEX joint, Insulated



FACOLEX completed with thermal insulation is available

- Adapter (sold separately) GxR



Dimensions and Allowable Movements

Nominal Dia.	Inner Dia. φ d1	Inner Dia. φ d2	Outer Dia. φ D	Tube Dimension		End Connection G(f)xR(m)	Min. Bending Radius	Length (Lor OAL)
				Inner Dia. φ ID	Outer Dia. φ OD			
15	10	12	22	14	21	G1/2 x R1/2	80	200,300,500, 800,1000,1500
20	15	17	28	19	27	G3/4 x R3/4	100	
25	20	25	35	25	34	G1 x R1	125	

For the length other than mentioned above, please consult us.

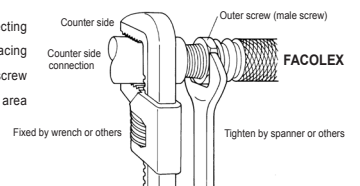
For face-to-face dimension

Standard face-to-face dimensions are 200L, 300L, 500L and 1000L. Specify what you need when placing order.

About connection

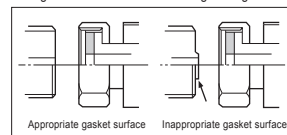
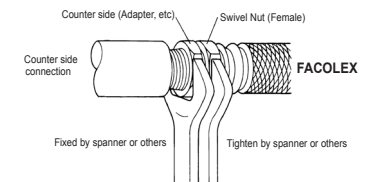
1. Outside screw (male screw side)

First, wrap the screw threads with sealing tape (or sealing agent), and examine the screw on the connecting pipe that the screw is smooth and no damage, then tighten by hand as tight as possible. After that, placing wrench on the connecting pipe, and tighten the male nipple by spanner. If rewinding or removing the screw after above procedure, it is absolutely necessary to remove the old sealing tape, clean the screw thread area and once again wrap sealing tape (or sealing agent) onto the screw threads of male nipple.

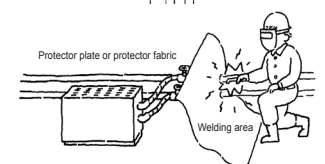


2. Parallel screw side

Countercheck the male screw on connecting counterpart is not damaged, and the sealing face (where the gasket is placed) is flat and evenly smooth. Put the gasket into the swivel nut, tighten the swivel by hand as possible. Then, placing a wrench on the counter side (adaptor, etc.) to prevent the hose from twisting, tighten the hex swivel nut by spanner. After fastening, if rewinding or removing the screw becomes necessary, then it is absolutely essential to use a new gasket when re-fastening. Screws other than the designated gasket must never be used. If using gaskets other than the accompanied ones, water leak accidents and other troubles can occur. Please contact us immediately if accompanied gasket running short during installation.



- The body of FACOLEX is rubber and can't be used in the vicinity of a heat source. After installation, if welding or welding cutting is conducted near or on pipe work on which FACOLEX is mounted, a protective cover needs to be placed so that a spark can't fall on the FACOLEX body. If failure is expected by heat conduction of welding or by spark from electric welding, it is essential to remove FACOLEX prior to starting work.



Note: The contents of this catalogue are subject to change without notice.

AGENT

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