

Section
5

FLEXIBLE HOSES
TYPE FBH SERIES EPDM RUBBER FANCOIL HOSE



DESIGN CONDITIONS	MATERIALS OF CONSTRUCTION	IDENTIFICATION
Max. Working Pressure 15.0 Bar Temperature Rating - 20.0 / +110.0 °C Max. Test Pressure 30.0 Bar Guarantee 10 Years	Hose EPDM (KTW & WBC approved) Outer Braid 304 Stainless Steel Ferrules Stainless Steel Fittings Nickel Plated Brass	Manufacturer, Nom Bore, Country of origin, Date of manufacture, Type No.

SPECIFICATION

FlexEJ type FBH fancoil hose manufactured from EPDM rubber with stainless steel outer braid and nickel plated brass end fittings.

End fittings attached by swaged stainless steel ferrules. Refer to next page for end fitting options.

ALL FLEXEJ TYPE FBH HOSES ARE SUPPLIED WITH A MANUFACTURERS 10 YEAR GUARANTEE.

TECHNICAL DATA						
NOMINAL BORE	HOSE LENGTH mm	HOSE I/DIA mm	MIN.LENGTH 90° BEND mm	MIN.LENGTH 180° BEND mm	PRESSURE RATING 65°C Bar	PRESSURE RATING 20°C Bar
13 (1/2")	300	13.0	258	352	6.0	15.0
	450					
	600					
20 (3/4")	300	19.0	344	470	6.0	12.0
	450					
	600					
25 (1")	300	25.0	423	580	6.0	10.0
	450					
	600					

N.B. Please note that all pressure ratings are affected by the length of each assembly and the liquids & inhibitors that may be being used. The above ratings are guidelines only and should be verified prior to installation.

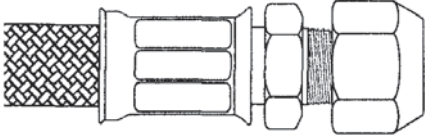
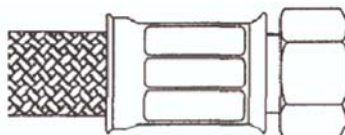
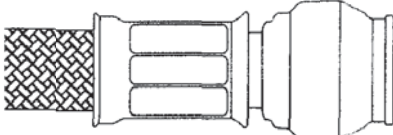
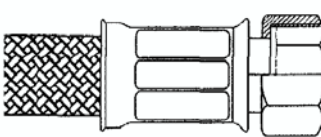
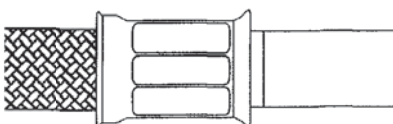
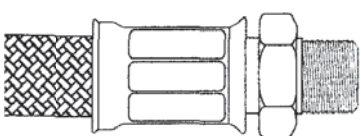
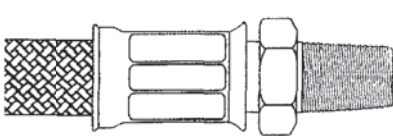
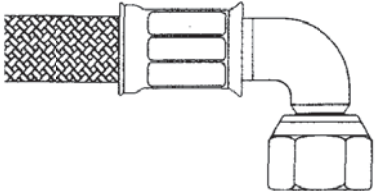
TYPICAL APPLICATIONS

FBH EPDM hoses are designed to allow maximum flexibility for misalignment of pipe work and vibration isolation from Fancoil units and are suitable for heating and chilled water systems. The EPDM lining is ageing resistant in heating systems. Due to the flexibility of this range of hoses, special care must be taken during installation - always refer to the installation guide prior to installation.

ACCESSORIES

FBH hoses can be provided with vapour sealed Armaflex Class 'O' insulation when required on chilled water applications.

Flexible Hose End Fitting Options (HVAC)

END FITTING OPTION	DESCRIPTION	NOMINAL BORE
	CF Compression Fitting c/w Brass Nut and Olive	10, 12, 15 22 & 28mm
	CF Swivel Female Nut c/w Cone Seat	1/2", 3/4", 1"
	PF Nickel Plated Brass 'PUSHFIT' c/w John Guest, Tectite, or other fittings	10, 12, 15 & 0022mm
	SF Swivel Female Nut c/w Flat Face Seat & Fibre Washer	1/2", 3/4", 1"
	SP 35mm Long Brass Standpipe end To suit copper fittings	10, 12, 15 22 & 25mm
	PM Fixed Male c/w Parallel Thread	1/2", 3/4", 1"
	TM Fixed Male c/w BSP Taper Male	1/2", 3/4", 1"
	EF 90° Elbow with Swivel Female Nut c/w Flat Face Seat & Fibre Washer	1/2", 3/4", 1"

NB. Please check that the fittings you require are compatible with the bore size of hose for the specific application.

32mm & 40mm bore product details are available upon request.

Resistance and compatibility details of chemicals and fluids are available upon request.

Any variation of hose assembly can be made to meet your requirements.