

SUPAFLEX FLEXIBLE HOSES

EPDM RUBBER HOSE ASSEMBLIES FOR BUILDING SERVICES - Fan Coil Units, Ceilings, Heating Systems



DESIGN CONDITIONS	MATERIALS OF CONSTRUCTION	IDENTIFICATION
Max. Working Pressure See below Temperature Rating -20.0 / +95.0 ° C For use above 86 °C please consult us.	Hose EPDM Outer Braid 304 Stainless Steel Ferrules Stainless Steel Fitting Nickel Plated Brass	Manufacturer Nom. Bore Date of manufacture

SPECIFICATION

SUPAFLEX fancoil hose manufactured from EPDM rubber with stainless steel outer braid and nickel plated brass end fittings. End fittings are attached by swaged stainless steel ferrules.

Non-Standard lengths can also be manufactured, as well as sizes from 3/8" upto 2" (10 to 50 mm) bore.

Other options include: Stainless Steel end fittings / Nitrile rubber instead of EPDM rubber for Oil service / ;
WRAS Approved hose assemblies for potable water.

TECHNICAL DATA						
NOMINAL BORE	HOSE LENGTH mm	HOSE I/DIA mm	MIN.LENGTH 90° BEND mm	MIN.LENGTH 180° BEND mm	PRESSURE RATING 86°C Bar	PRESSURE RATING 20°C Bar
13 (1/2")	300 450 600	13.0	258	352	10.0	12.0
20 (3/4")	300 450 600	19.0	344	470	10.0	10.0
25 (1")	300 450 600	25.0	423	580	10.0	10.0

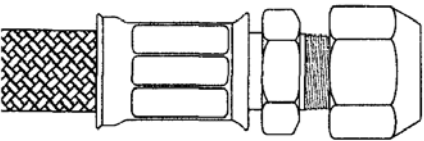
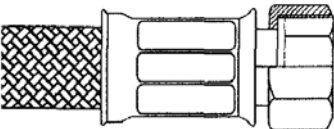
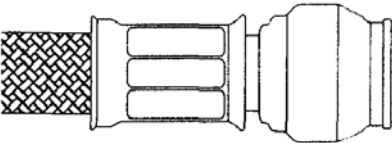
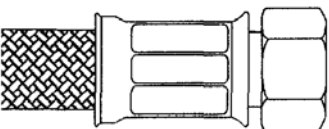
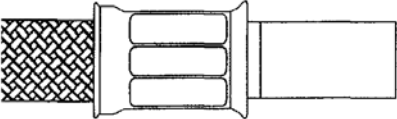
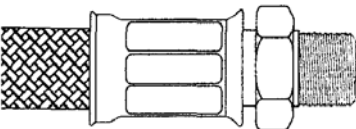
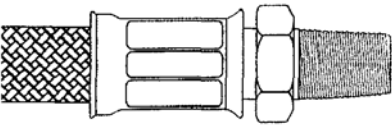
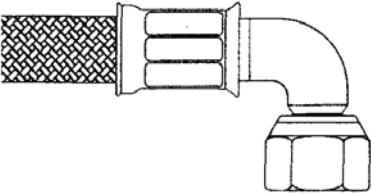
TYPICAL APPLICATIONS

SUPAFLEX 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 installation instructions.

ACCESSORIES

EPDM hoses can be provided with vapour sealed **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	13, 20, 25 1/2", 3/4", 1"
	FF Swivel Female Nut c/w Flat Faced Seat	13, 20, 25 1/2", 3/4", 1"
	PF Nickel Plated Brass 'PUSHFIT' c/w John Guest, Tectite, or other fittings	13 1/2"
	FC Swivel Female Nut c/w Cone Seat	13, 20, 25 1/2", 3/4", 1"
	SP 25mm Long Brass Standpipe End To suit copper fittings	13, 20, 25 1/2", 3/4", 1"
	MP Fixed Male BSP Parallel	13, 20, 25 1/2", 3/4", 1"
	MT Fixed Male BSP Taper	13, 20, 25 1/2", 3/4", 1"
	FE 90° Elbow with Swivel Female Nut c/w Flat Face Seat	13, 20, 25 1/2", 3/4", 1"

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SUPAFLEX



Male (Taper)



Flat Faced Swivel Female



Flat Faced Swivel Female 90°



Cone Seat Swivel Female



Cone Seat Swivel Female 90°



Standpipe / Pipe End



Compression Fitting

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