

## 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<br>Temperature Rating -20.0 / +95.0 ° C<br><br>For use above 86 °C please consult us. | Hose EPDM<br>Outer Braid 304 Stainless Steel<br>Ferrules Stainless Steel<br>Fitting Nickel Plated Brass | Manufacturer<br>Nom. Bore<br>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<br>450<br>600 | 13.0          | 258                    | 352                     | 10.0                     | 12.0                     |
| 20 (3/4")      | 300<br>450<br>600 | 19.0          | 344                    | 470                     | 10.0                     | 10.0                     |
| 25 (1")        | 300<br>450<br>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

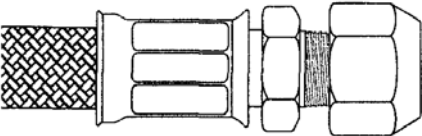
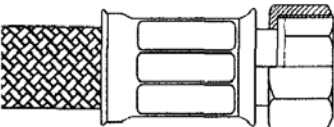
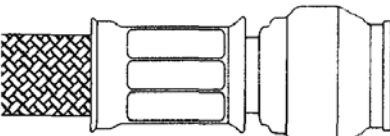
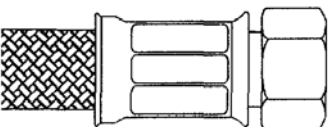
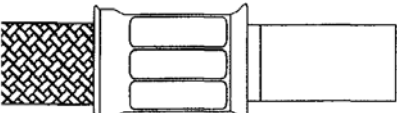
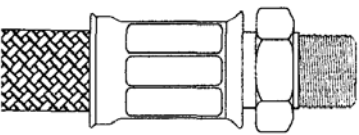
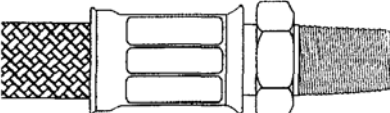
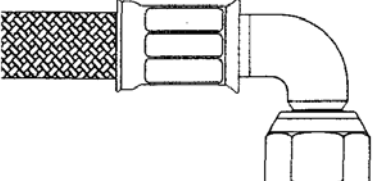
EPDM hoses can be provided with vapour sealed **Class 'O' insulation** when required on chilled water applications.

**INTERFLEX HOSE & BELLOWS LTD.**  
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## FLEXIBLE HOSE END FITTING OPTIONS (HVAC)

| END FITTING OPTION                                                                  | DESCRIPTION                                                                                 | NOMINAL BORE                 |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------|
|    | <b>CF</b> Compression Fitting<br>c/w Brass Nut and Olive                                    | 13, 20, 25<br>1/2", 3/4", 1" |
|    | <b>FF</b> Swivel Female Nut<br>c/w Flat Faced Seat                                          | 13, 20, 25<br>1/2", 3/4", 1" |
|    | <b>PF</b> Nickel Plated Brass<br>'PUSHFIT'<br>c/w John Guest, Tectite,<br>or other fittings | 13<br>1/2"                   |
|   | <b>FC</b> Swivel Female Nut<br>c/w Cone Seat                                                | 13, 20, 25<br>1/2", 3/4", 1" |
|  | <b>SP</b> 25mm Long Brass<br>Standpipe End<br>To suit copper fittings                       | 13, 20, 25<br>1/2", 3/4", 1" |
|  | <b>MP</b> Fixed Male<br>BSP Parallel                                                        | 13, 20, 25<br>1/2", 3/4", 1" |
|  | <b>MT</b> Fixed Male<br>BSP Taper                                                           | 13, 20, 25<br>1/2", 3/4", 1" |
|  | <b>FE</b> 90° Elbow with Swivel<br>Female Nut<br>c/w Flat Face Seat                         | 13, 20, 25<br>1/2", 3/4", 1" |

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# SUPAFLEX



Optional Class O Insulation



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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