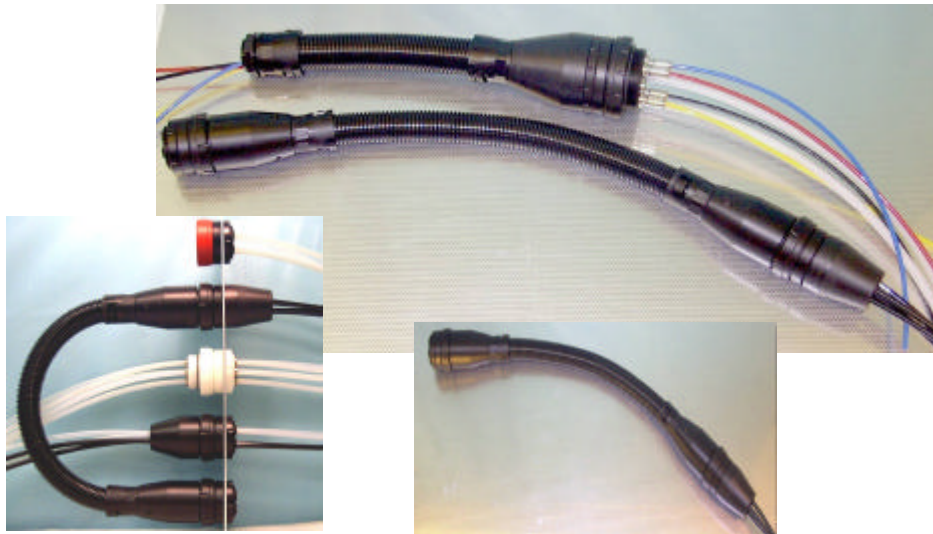


UMC — Series Umbilical assemblies



Why choose an UMC umbilical assembly?

The UMC umbilical assemblies are designed to complement our range of connectors. In many applications our customers have had to make their own hose assemblies to transfer the air from point A to B. The detailed range is designed to allow swift reliable connection of up to 16 tubes in up to 50 metre lengths.

Units are available with one of three styles of conduit / hose (see below).

Units can come assembled with multi tube connectors or simply conduit fittings (these connections are always IP rated swivel joints, for full specifications see the data herewith).

Umbilicals can be specified in many standard configurations please see overleaf.

What style of conduit or hose should I choose?

Type SN

Type SN

Standard weight black polyamide (nylon) conduit is both flame retardant and halogen free, making this high performance conduit particularly well suited to application where safety is paramount. SN conduit is suited where crush resistance & weight is a consideration. The SN is our most popular conduit due to its flexibility, strength and cost.

Type SPC

A general purpose PVC covered conduit that is used extensively in collaboration with rigid conduit and trunking. The versatility of this conduit enables the user to combat dynamic, static and weatherproof requirements with ease. However, it is heavy than the SN and less resistant to crushing.

Type SS

This conduit is designed for use with our stainless range of connectors, it offers excellent resistance to contaminants and physical damage, it is the heaviest available and also the most costly.

Continued overleaf.

Pneu - Therm Limited

Making worthwhile connections

Technical Data

Conduits

<u>Part Number</u>	<u>Outside Diameter</u>	<u>Inside Diameter</u>
SN 25	28.5mm	22.6mm
SN 32	34.5mm	28.8mm
SN 40	42.5mm	35.2mm
SPC 25	26.0mm	21.4mm
SPC 32	34.0mm	28.1mm
SPC 40	44.5mm	37.7mm
SS 28	30.0mm	21.7mm
SS 34	36.0mm	27.7mm
SS 42	43.5mm	35.1mm

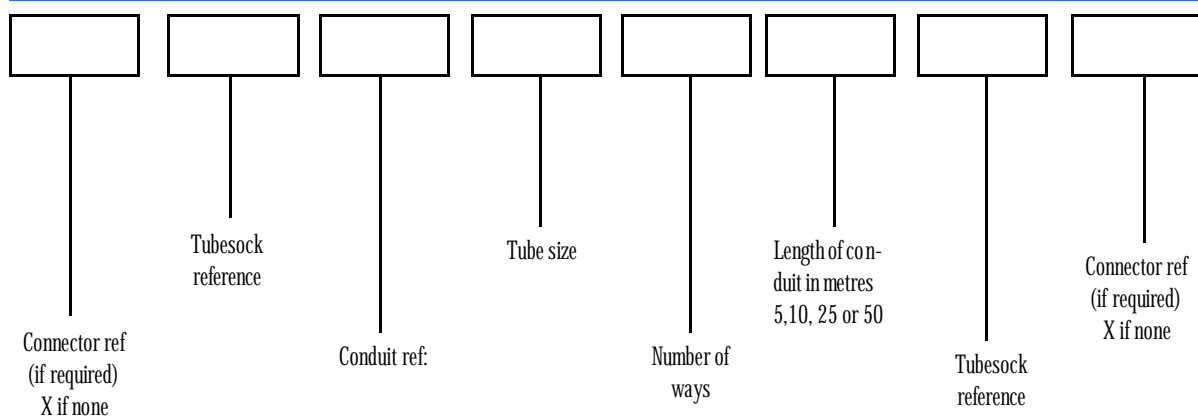
Swivel external threaded
Conduit Fittings

<u>Part Number</u>
SN 25SF
SN 32SF
SN 40SF
SPC 25SF
SPC 32SF
SPC 40SF
SS 28SF
SS 34SF
SS 42SF

Tube arrangements

Maximum no of ways in:	SN 25	SN 32	SN 40	SPC 25	SPC 32	SPC 40	SS 28	SS 34	SS 42
	4mm 12 tubes	4mm 16 tubes	6mm 7 tubes	6mm 12 tubes	6mm 16 tubes	8mm 4 tubes	8mm 8 tubes	8mm 10 tubes	
	4mm 12 tubes	4mm 16 tubes	6mm 7 tubes	6mm 12 tubes	6mm 16 tubes	8mm 4 tubes	8mm 8 tubes	8mm 10 tubes	
	On application								

Ordering information



Example: C-MC0404P40 / C40DP / SN25 / 4mm / 04 / 25 / C-C40DS / X

This would be an Umbilical 25 metres long with a tube sock each end, 4mm x 4way MC plug at one end, in SN 25 conduit with no connector at opposite end.

Other configurations available to order