

FU

Construction: Galvanised steel, helically wound, flexible conduit. Colour zinc, self colour.

Typical Applications: Underfloor wiring in office blocks.

SSU

Construction: Stainless steel (grade 316), helically wound, flexible conduit. Colour stainless steel, self colour.

Typical Applications: Instrumentation and security.



Conduit

- High mechanical strength
- Highly flexible
- Inherently Low Fire Hazard (LFH)
- Temperature range FU -100°C to +300°C
SSU -100°C to +400°C
- IP rating: IP40
- SSU is highly corrosion resistant
- Nickel plated brass fittings
- Stainless steel (316) fittings



Fittings

IP40

M

fixed external thread
nickel plated brass

Two part fitting comprising shell and body with external thread. This fitting can be inserted into a knockout and secured with a locknut.

IP40

M-SS

fixed external thread
stainless steel

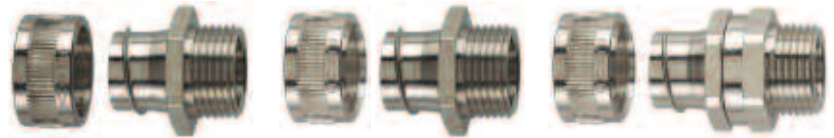
Two part fitting comprising shell and body with external thread. This fitting can be inserted into a knockout and secured with a locknut.

IP40

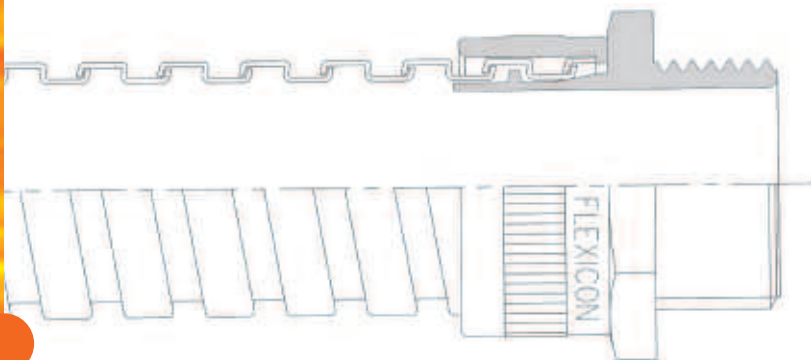
S

swivel external thread
nickel plated brass

Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.



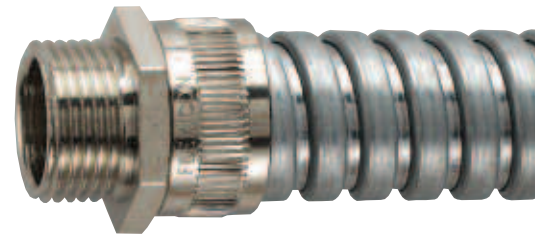
nominal size (mm)	FU		SSU		outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	metric thread part number	PG thread part number	metric thread part number	metric thread part number	PG thread part number
	part number	reel length (m)	part number	reel length (m)								
10	FU10	25, 50	SSU10	10, 25	9.0	6.8	25	FU10-M12-M	FU10-PG7-M	SSU10-M12-M	FU10-M12-S	FU10-PG7-S
12	FU12	25, 50	SSU12	10, 25	13.0	10.2	30	FU12-M16-M	FU12-PG9-M	SSU12-M16-M	FU12-M16-S	FU12-PG9-S
16	FU16	10, 25, 50	SSU16	10, 25	16.0	13.0	40	FU16-M16-M	FU16-PG11-M	SSU16-M16-M	FU16-M16-S	FU16-PG11-S
16								FU16-M20-M			FU16-M20-S	FU20-PG13-S
20	FU20	10, 25, 50	SSU20	10, 25	20.5	16.9	45	FU20-M20-M	FU20-PG16-M	SSU20-M20-M	FU20-M20-S	FU20-PG16-S
25	FU25	10, 25, 50	SSU25	10, 25	25.0	21.1	55	FU25-M25-M	FU25-PG21-M	SSU25-M25-M	FU25-M25-S	FU25-PG21-S
32	FU32	10, 25	SSU32	10, 25	32.0	28.1	70	FU32-M32-M	FU32-PG29-M	SSU32-M32-M	FU32-M32-S	FU32-PG29-S
40	FU40	10, 25	SSU40	10	42.5	37.6	80	FU40-M40-M	FU40-PG36-M	SSU40-M40-M	FU40-M40-S	FU40-PG36-S
50	FU50	10, 25	SSU50	10	53.0	48.4	90	FU50-M50-M	FU50-PG48-M	SSU50-M50-M*	FU50-M50-S	FU50-PG42-S
63	FU63	10			62.5	57.5	115	FU63-M63-M			FU63-M63-S	
75	FU75	10			77.0	70.0	150	FU75-M75-M				





FU & SSU systems

galvanised steel and stainless steel



IP40

S-SS

swivel external thread stainless steel

Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.

IP40

P

plain hole connector nickel plated brass

Two part fitting comprising shell and body without thread. The body is fitted through the opposite side of the entry to the conduit and acts as a locking device also providing a smooth entry bush.

IP40

F

fixed internal thread nickel plated brass

Two part fitting comprising shell and body with internal thread which can be used to couple two pieces of conduit together when used with a swivel fitting.

FCC

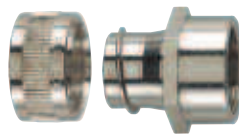
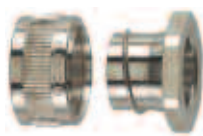
plated steel P clip with pvc liner stainless steel P clips

P clip to support conduit.

90° elbow

internal and external threaded nickel plated brass elbow

90° elbow which can be screwed onto external threaded fittings.



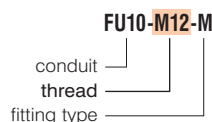
metric thread part number	hole size (mm)	part number	metric thread part number	plated steel part number	stainless steel part number	thread part number	
SSU10-M12-S	9	FU10-P		FCC10	FCC10-SS*	BM90-PG7	10
SSU12-M16-S	12	FU12-P		FCC12	FCC12-SS*	BM90-16M	12
SSU16-M16-S	16	FU16-P		FCC16	FCC16-SS	BM90-16M	16
			FU16-M20-F	FCC16	FCC16-SS	BM90-20M	16
SSU20-M20-S	20	FU20-P	FU20-M20-F	FCC20	FCC20-SS	BM90-20M	20
SSU25-M25-S	25	FU25-P	FU25-M25-F	FCC25	FCC25-SS	BM90-25M	25
SSU32-M32-S	32	FU32-P	FU32-M32-F	FCC32	FCC32-SS	BM90-32M	32
	40	FU40-P		FCC40	FCC40-SS	BM90-40M	40
	51	FU50-P		FCC50	FCC50-SS*	BM90-50M	50
	61	FU63-P		FCC63		BM90-63M	63
	75	FU75-P		FCC75		BM90-75M	75

Ordering Notes

- Add reel length eg: FU20-25M for 25m reel
- Available on request:
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - alternative threads

*Indicates parts made to order on request and may be subject to MOQ and lead time

How to read the fittings code



FSU

Construction: Galvanised steel, helically wound, flexible conduit with pvc coating. Colour black. Grey or orange on request.*

Typical Applications: General factory wiring and connections to machines.

FNU

Construction: Galvanised steel, helically wound, flexible conduit with elastomeric nylon coating. Colour black.

Typical Applications: Demanding applications requiring higher temperatures or solvent and abrasion resistance.

Conduit

- High mechanical strength
- Highly flexible
- IP rating: IP54 with standard fittings, IP65 with type C compression fittings
- Temperature range
FSU -15°C to +70°C
FNU -40°C to +120°C
- FNU offers high abrasion resistance and solvent resistance
- Low Fire Hazard version available (see type LFHU on page 22)
- Nickel plated brass fittings

Fittings

IP54

M

fixed external thread
nickel plated brass

Two part fitting comprising shell and body with external thread. This fitting can be inserted into a knockout and secured with a locknut.

IP54

S

swivel external thread
nickel plated brass

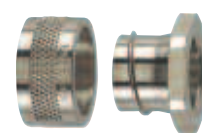
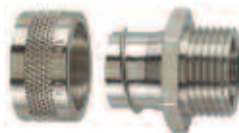
Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.

IP54

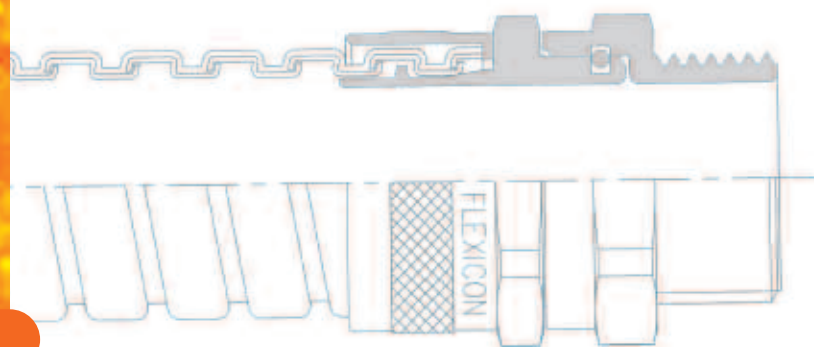
P

plain hole connector
nickel plated brass

Two part fitting comprising shell and body without thread. The body is fitted through the opposite side of the entry to the conduit and acts as a locking device also providing a smooth entry bush.



nominal size (mm)	FSU part number	reel length (m)	FNU part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	metric thread part number	PG thread part number	metric thread part number	PG thread part number	hole size (mm)	part number
10	FSU10B	25, 50			10.0	6.8	25	FSU10-M12-M	FSU10-PG7-M	FSU10-M12-S	FSU10-PG7-S	9	FSU10-P
12	FSU12B	25, 50			14.0	10.2	30	FSU12-M16-M	FSU12-PG9-M	FSU12-M16-S	FSU12-PG9-S	12	FSU12-P
16	FSU16B	10, 25, 50	FNU16B	25	17.0	13.0	40	FSU16-M16-M	FSU16-PG11-M	FSU16-M16-S	FSU16-PG11-S	16	FSU16-P
16								FSU16-M20-M		FSU16-M20-S	FSU20-PG13-S		
20	FSU20B	10, 25, 50	FNU20B	25	21.5	16.9	45	FSU20-M20-M	FSU20-PG16-M	FSU20-M20-S	FSU20-PG16-S	20	FSU20-P
25	FSU25B	10, 25, 50	FNU25B	25	26.0	21.1	55	FSU25-M25-M	FSU25-PG21-M	FSU25-M25-S	FSU25-PG21-S	25	FSU25-P
32	FSU32B	10, 25	FNU32B	10	34.0	28.1	70	FSU32-M32-M	FSU32-PG29-M	FSU32-M32-S	FSU32-PG29-S	32	FSU32-P
40	FSU40B	10, 25			44.5	37.6	80	FSU40-M40-M	FSU40-PG36-M	FSU40-M40-S	FSU40-PG36-S	40	FSU40-P
50	FSU50B	10, 25			55.0	48.4	90	FSU50-M50-M	FSU50-PG48-M	FSU50-M50-S	FSU50-PG42-S	51	FSU50-P
63	FSU63B	10			64.5	57.5	115	FSU63-M63-M		FSU63-M63-S		61	FSU63-P
75	FSU75B	10			79.0	70.0	150	FSU75-M75-M				75	FSU75-P



IEC EN 61386





FSU & FNU systems

galvanised steel pvc
or nylon coated



IP54

F

fixed internal thread
nickel plated brass

Two part fitting comprising shell and body with internal thread which can be used to couple two pieces of conduit together when used with a swivel fitting.

IP65

C

external thread
nickel plated brass

Multipart compression fitting including elastomeric seal. Can be used for knockouts or threaded entries as fitting rotates until tightened.

NEW

IP65

C-S

external thread
nickel plated brass

Multipart compression fitting including elastomeric seal. The external thread swivels about the main body even after tightening.

NEW

IP65

C90

external thread elbow
nickel plated brass

Multipart 90° compression fitting including elastomeric seal.

IP65

coupler

nickel plated brass

Multi part compression coupler including nylon seals to join 2 conduits.

E

insert
nickel plated brass

Single part, machined insert to cap end of conduit.



metric thread part number	metric thread part number	PG thread part number	NPT thread part number	metric thread part number	metric thread part number	part number	part number	nominal size (mm)
	FSU10-M12-C				FSU10-M16-C90		FSU10-E	10
	FSU12-M16-C	FSU12-PG9-C*		FSU12-M16-C-S	FSU12-M16-C90		FSU12-E	12
	FSU16-M16-C	FSU16-PG11-C	FSU16-050-C	FSU16-M16-C-S	FSU16-M16-C90			16
FSU16-M20-F	FSU16-M20-C			FSU16-M20-C-S	FSU16-M20-C90		FSU16-E	16
FSU20-M20-F	FSU20-M20-C	FSU20-PG16-C	FSU20-050-C	FSU20-M20-C-S	FSU20-M20-C90	FSU20-FSU20	FSU20-E	20
FSU25-M25-F	FSU25-M25-C	FSU25-PG21-C	FSU25-075-C	FSU25-M25-C-S	FSU25-M25-C90	FSU25-FSU25	FSU25-E	25
FSU32-M32-F	FSU32-M32-C	FSU32-PG29-C	FSU32-100-C	FSU32-M32-C-S	FSU32-M32-C90		FSU32-E	32
	FSU40-M40-C						FSU40-E	40
	FSU50-M50-C						FSU50-E	50
								63
								75

Ordering Notes

- Add reel length eg: FSU20B-25M for 25m reel
- FSU fittings used for FNU conduit
- **Available on request:**
 - low temperature (-40°C) version of FSU
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - other colours
 - stainless steel fittings (grade 316)
 - alternative threads

*Indicates parts made to order on request and may be subject to MOQ and lead time

How to read the fittings code

