







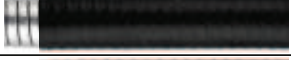
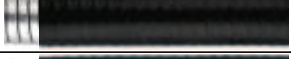
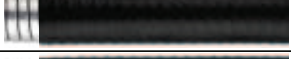
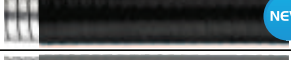
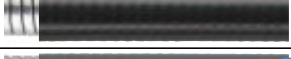
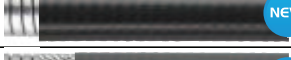
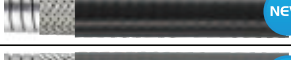
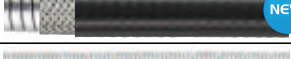
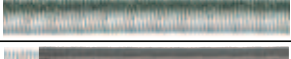
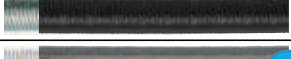
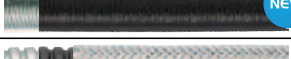


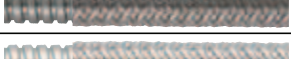



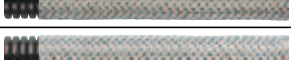




metallic conduit & fittings



BS EN IEC 61386



Page number	conduit system		IP rating available	compression strength kg/100mm 20mm nominal size	pull-off strength kg 20mm nominal size	minimum bend radius 20mm nominal size	colours
20	FU galvanised steel		IP40	350	120	45	zinc
20	SSU stainless steel, grade 316		IP40	400	170	45	stainless steel
22	FSU galvanised steel, pvc coated		IP54, IP65	350	120	45	black, grey orange
22	FNU galvanised steel, nylon coated		IP54, IP65	350	120	45	black
24	LFHU galvanised steel, LFH coated		IP54, IP65	350	120	45	black
24	FPU galvanised steel, polyurethane coated		NEW IP54, IP65	350	120	45	black
26	LTP galv steel, pvc coated, liquid tight		IP66, IP67, IP68, IP69K	400	130	65	black, grey orange
26	LTPHC galv steel, thermoplastic rubber, liquid tight		IP66, IP67, IP68, IP69K	400	130	65	black
26	LTPUL galv steel, pvc coated, liquid tight		IP66, IP67, IP68, IP69K	500	160	90	black
26	LTPE galv steel, pvc coated, liquid tight		NEW IP66, IP67, IP68, IP69K	350	120	65	black
28	LTPSS stainless steel, pvc coated, liquid tight		IP66, IP67, IP68, IP69K	400	130	65	black
28	LTPPU galv steel, polyurethane coated, liquid tight		NEW IP66, IP67, IP68, IP69K	400	130	65	black
28	LTBRDP galv steel, braided core, pvc coated, liquid tight		NEW IP66, IP67, IP68, IP69K	400	130	65	black
28	LTBRDLFH galv steel, braided core, LFH coated, liquid tight		NEW IP66, IP67, IP68, IP69K	400	130	130	black
32	FL galvanised steel, pliable		IP40	300	30	35	zinc
32	FLP galvanised steel, pvc coated, pliable		IP66, IP67, IP68,	300	50, 100	35	black
33	LFHP galvanised steel, LFH coated, pliable		NEW IP66, IP67, IP68,	570	50, 100	40	black
34	FSB galv steel, pvc, galv steel overbraid		IP54, IP65	350	120, 300	45	zinc
34	LFHUBRD galv steel, LFH coated, SS316 overbraid		IP54, IP65	350	120, 300	45	stainless steel
36	FB galvanised steel, galv steel overbraid		IP40	350	120	45	zinc
36	FUSSB galvanised steel, SS316 overbraid		IP40	350	120	45	stainless steel
38	LTPBRD galv steel, rubber coated, SS316 overbraid		IP66, IP67, IP68, IP69K	400	350	65	stainless steel
40	FPRSS PA6 corrugated, SS316 overbraid		IP67	75	100	45	stainless steel
40	FPRTC PA6 corrugated, tinned copper overbraid		IP67	75	75	45	tin
40	FPISS PA12 corrugated, SS316 overbraid		IP67	45	100	45	stainless steel
40	FPIHSS PA12 corrugated, SS316 overbraid		IP67	60	100	45	stainless steel

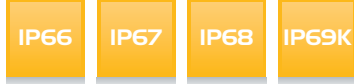


metallic conduit and fittings

high fatigue life	temperature range	flexible	pliable	low fire hazard	halogen free	self extinguishing	EMC screening @1MHz	high abrasion resistance	high UV resistance	
	-100°C to +300°C	●		●	●	●		●		FU galvanised steel
	-100°C to +400°C	●		●	●	●		●	●	SSU stainless steel, grade 316
●	-15°C to +70°C	●				●				FSU galvanised steel, pvc coated
	-40°C to +120°C	●			●	●		●		FNU galvanised steel, nylon coated
	-25°C to +90°C	●		●	●	●				LFHU galvanised steel, LFH coated
●	-40°C to +80°C	●			●	●		●		FPU galvanised steel, polyurethane coated
	-20°C to +105°C	●				●			●	LTP galv steel, pvc coated, liquid tight
	-45°C to +135°C	●			●	●			●	LTPHC galv steel, thermoplastic rubber, liquid tight
	-15°C to +75°C	●				●			●	LTPUL galv steel, pvc coated, liquid tight
	-15°C to +70°C	●				●			●	LTPE galv steel, pvc coated, liquid tight
	-20°C to +105°C	●				●			●	LTPSS stainless steel, pvc coated, liquid tight
●	-40°C to +80°C	●			●	●		●		LTPPU galv steel, polyurethane coated, liquid tight
	-20°C to +105°C	●				●	60dB		●	LTBRDP galv steel, braided core, pvc coated, liquid tight
	-25°C to +90°C	●		●	●	●	60dB			LTBRDLFH galv steel, braided core, LFH coated, liquid tight
	-40°C to +120°C		●	●	●	●	70dB			FL galvanised steel, pliable
	-15°C to +70°C		●			●	70dB		●	FLP galvanised steel, pvc coated, pliable
	-25°C to +90°C		●	●	●	●	70dB			LFHP galvanised steel, LFH coated, pliable
	-15°C to +70°C	●				●	55dB	●		FSB galv steel, pvc, galv steel overbraid
	-25°C to +90°C	●		●	●	●	49dB	●		LFHUBRD galv steel, LFH coated, SS316 overbraid
	-100°C to +300°C	●		●	●	●	55dB	●		FB galvanised steel, galv steel overbraid
	-100°C to +300°C	●		●	●	●	49dB	●		FUSSB galvanised steel, SS316 overbraid
	-45°C to +135°C	●			●	●	49dB	●	●	LTPBRD galv steel, rubber coated, SS316 overbraid
	-40°C to +120°C	●		●	●	●	49dB	●	●	FPRSS PA6 corrugated, SS316 overbraid
	-40°C to +120°C	●		●	●	●	67dB			FPRTC PA6 corrugated, tinned copper overbraid
●	-50°C to +110°C	●			●	●	49dB	●	●	FPISS PA12 corrugated, SS316 overbraid
●	-50°C to +110°C	●		●	●	●	49dB	●	●	FPIHSS PA12 corrugated, SS316 overbraid



metallic selection guide



BS EN IEC 61386



- UK manufactured products to the highest standards
- Highest IP performance for liquid tight fittings as standard
- Highest tensile strength performance fittings
- Stainless Steel variants available
- Vibration tested for secure installations
- Simple construction for ease of installation - Fixed and Swivel versions
- Multiple thread variations available - Metric, PG, NPT
- Tested and approved to the latest National and International Standards
- Widest choice whatever your application



Fixed External



Swivel



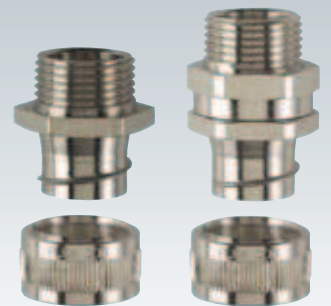
Fixed Internal



Plain Hole



Stainless Steel



See Pg 20, 21, 22, 23, 24 & 25

See Pg 20 & 21

Insert



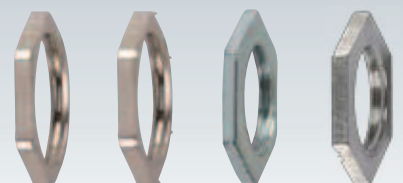
Cable Gland



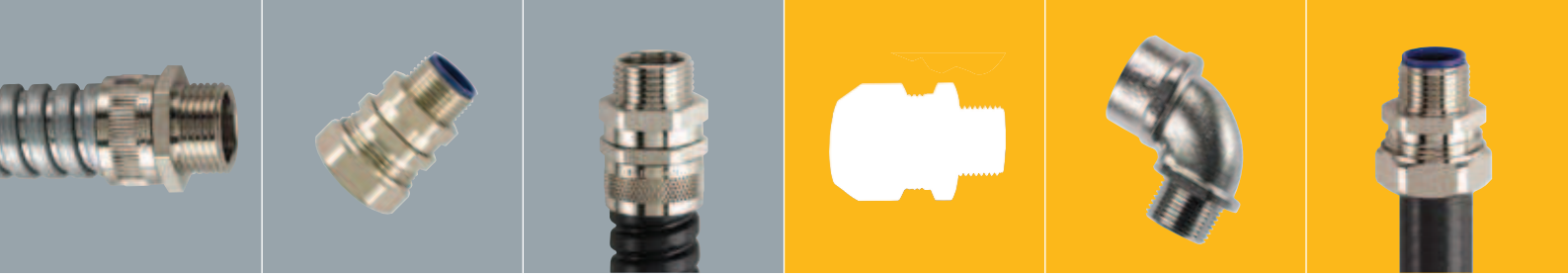
Clips



Locknuts



See Pg 78 & 79



IP66 IP67 IP68 IP69K

Liquid Tight Fittings



See Pg 26 & 27

IP66 IP67 IP68 IP69K

Liquid Tight Stainless Steel



See Pg 29

IP66 IP67 IP68 IP69K

LTP Fitting with Strain Relief

EXD Flameproof Barrier Glads



See Pg 43



See Pg 31

IP40 IP54

Braided Fittings



See Pg 34 & 36

IP40

IP66 IP67

FL Straight

FLP Straight



ULTRASCREEN® External

ULTRASCREEN® Internal



See Pg 32 & 33

IP65 IP66 IP67 IP68 IP69K

Braided Compression Fittings



See Pg 35, 38, 39, 40 & 41

IP66 IP67 IP68 IP69K

Braided Fitting with Strain Relief



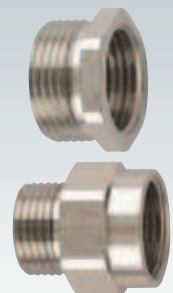
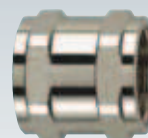
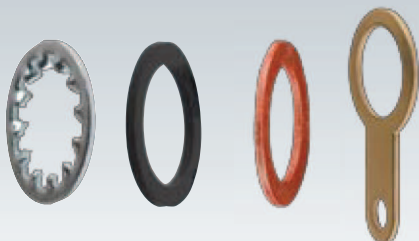
See Pg 43

Accessories

Elbows

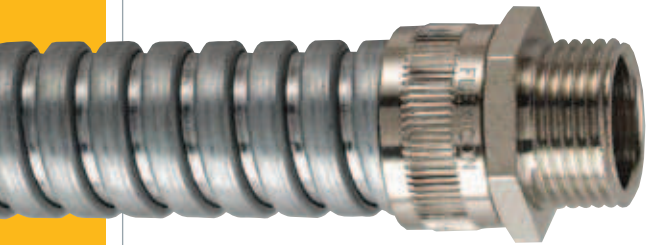
Couplers

Reducers & Adaptors



See Pg 78 & 79

See Pg 80



FU & SSU system

galvanised steel and stainless steel



CONDUIT

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.



FITTINGS

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.

M-SS

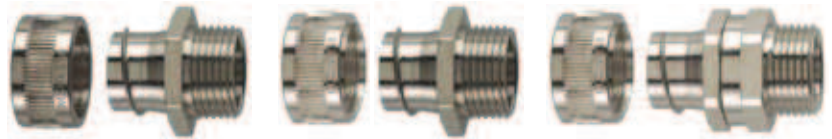
fixed external thread stainless steel

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

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.



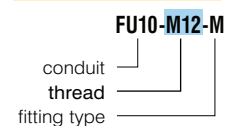
nominal size (mm)	FU			SSU			M		M-SS		S	
	part number	reel length (m)		part number	reel length (m)	outside dia (mm)	metric thread part number	PG thread part number	metric thread part number	metric thread part number	PG thread part number	
10	FU10 ⁺	25, 50		SSU10 ⁺	10, 25	9.0	FU10-M12-M	FU10-PG7-M	SSU10-M12-M	FU10-M12-S	FU10-PG7-S	
12	FU12	25, 50		SSU12	10, 25	13.0	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	FU16-M16-M	FU16-PG11-M	SSU16-M16-M	FU16-M16-S	FU16-PG11-S	
16							FU16-M20-M			FU16-M20-S	FU16-PG13-S	
20	FU20	10, 25, 50		SSU20	10, 25	20.5	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	FU25-M25-M	FU25-PG21-M	SSU25-M25-M	FU25-M25-S	FU25-PG21-S	
32	FU32	10, 25		SSU32	10, 25	32.0	FU32-M32-M	FU32-PG29-M	SSU32-M32-M	FU32-M32-S	FU32-PG29-S	
40	FU40	10, 25		SSU40	10	42.5	FU40-M40-M	FU40-PG36-M	SSU40-M40-M	FU40-M40-S	FU40-PG36-S	
50	FU50	10, 25		SSU50	10	53.0	FU50-M50-M	FU50-PG48-M	SSU50-M50-M	FU50-M50-S	FU50-PG42-S	
63	FU63	10		SSU63*	10	62.5	FU63-M63-M		SSU63-M63-M*	FU63-M63-S		
75	FU75	10				77.0	FU75-M75-M					

ORDERING NOTES

- Add reel length eg: FU20-25M for 25m reel
- * Indicates parts made to order on request and may be subject to MOQ and lead time
- + Double interlock section

- **Available on request:**
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - alternative threads


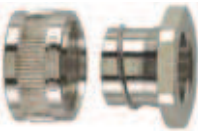
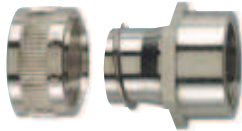





How to read the fittings code



system properties

- High mechanical strength
- Highly flexible
- Inherently Low Fire Hazard (LFH)
- Fully compliant to LUL Std I-085
- Temperature range -100°C to +300°C (FU)
-100°C to +400°C (SSU)
- IP rating: IP40
- SSU is highly corrosion resistant
- Nickel plated brass fittings
- Stainless steel (316) fittings



IP40		IP40		IP40				
S-SS		P		F		FCC		90° elbow
swivel external thread stainless steel		plain hole connector nickel plated brass		fixed internal thread nickel plated brass		plated steel P clip with pvc liner stainless steel P clips		internal and external threaded nickel plated brass elbow
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.		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.		Two part fitting comprising shell and body with internal thread which can be used to connect with an external thread.		P clip to support conduit.		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	part number		
SSU10-M12-S	9	FU10-P		FCC10	FCC10-SS*	BM90-PG7		
SSU12-M16-S	12	FU12-P		FCC12	FCC12-SS*	BM90-16M		
SSU16-M16-S	16	FU16-P	FU16-M16-F	FCC16	FCC16-SS	BM90-16M		
			FU16-M20-F	FCC16	FCC16-SS	BM90-20M		
SSU20-M20-S	20	FU20-P	FU20-M20-F	FCC20	FCC20-SS	BM90-20M		
SSU25-M25-S	25	FU25-P	FU25-M25-F	FCC25	FCC25-SS	BM90-25M		
SSU32-M32-S	32	FU32-P	FU32-M32-F	FCC32	FCC32-SS	BM90-32M		
	40	FU40-P		FCC40	FCC40-SS	BM90-40M		
	51	FU50-P		FCC50	FCC50-SS*	BM90-50M		
	61	FU63-P		FCC63		BM90-63M		
	75	FU75-P		FCC75		BM90-75M		

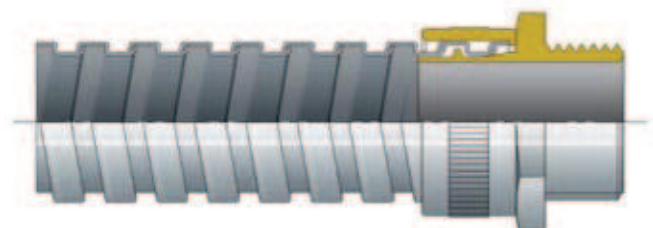
STANDARDS



BS EN IEC 61386



TECHNICAL DRAWING





FSU & FNU system

galvanised steel pvc
or nylon coated

CONDUIT

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.

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

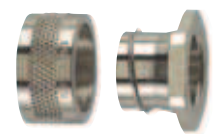
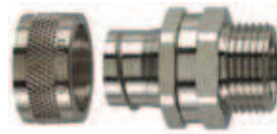
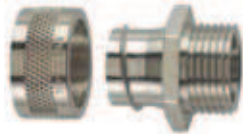
Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.

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.



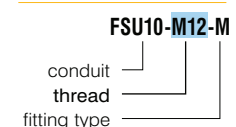
nominal size (mm)	FSU		FNU		outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	metric thread part number	PG thread part number	metric thread part number	PG thread part number	hole size (mm)	part number
	part number	reel length (m)	part number	reel length (m)									
10	FSU10B ⁺	25, 50			10.0	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	FSU16-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	60	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

ORDERING NOTES

- Add reel length eg: FSU20-25M for 25m reel
- FSU fittings used for FNU conduit
- * Indicates parts made to order on request and may be subject to MOQ and lead time
- + Double interlock section

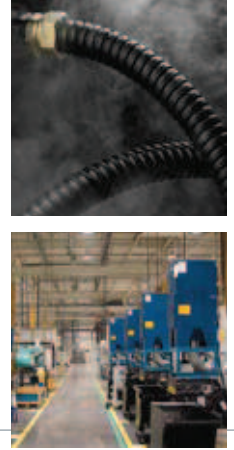
- **Available on request:**
 - low temperature (-40°C) version of FSU
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - other colours
 - stainless steel fittings (grade 316)
 - alternative threads
 - 45° elbows 16 to 32mm
 - UV resistant version of FSU

How to read the fittings code



properties

- High mechanical strength
- Highly flexible
- IP rating: IP54 with standard fittings,
IP65 with type C compression fittings
- Temperature range -15°C to +70°C (FSU)
-40°C to +120°C (FNU)
- FNU offers high abrasion resistance and solvent resistance
- Low Fire Hazard version available (see type LFHU on page 24)
- Nickel plated brass fittings



IP54	IP65	IP65	IP65	IP65	IP65
F	C	C-S	C90	coupler	E
fixed internal thread nickel plated brass	external thread nickel plated brass	external thread nickel plated brass	external thread elbow nickel plated brass	nickel plated brass	insert 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.	Multipart compression fitting including elastomeric seal. Can be used for knockouts or threaded entries as fitting rotates until tightened.	Multipart compression fitting including elastomeric seal. The external thread swivels about the main body even after tightening.	Multipart 90° compression fitting including elastomeric seal.	Multi part compression coupler including nylon seals to join 2 conduits.	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-E	10
	FSU12-M16-C	FSU12-PG9-C		FSU12-M16-C-S	FSU12-M16-C90		FSU12-E	12
FSU16-M16-F	FSU16-M16-C	FSU16-PG11-C	FSU16-050-C	FSU16-M16-C-S	FSU16-M16-C90		FSU16-E	16
FSU16-M20-F	FSU16-M20-C	FSU16-PG13-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
							FSU63-E	63
							FSU75-E	75

STANDARDS

BS EN IEC 61386



TECHNICAL DRAWING





LFHU system

galvanised steel LFH coated



FPU system

galvanised steel
polyurethane coated



CONDUIT

LFHU

Construction: Galvanised steel, helically wound, flexible steel conduit with Low Fire Hazard (LFH) coating. Colour black.

Typical Applications: Public and commercial buildings and tunnels.

FPU

Construction: Galvanised steel, helically wound, flexible steel conduit with low temperature, high abrasion, high fatigue life halogen free polyurethane coating. Colour black and metallic blue.

Typical Applications: Where low temperature and mechanical strength are important.



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

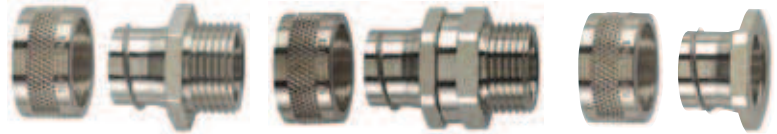
Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.

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)	LFHU			FPU			Metric Thread				PG Thread			
	part number	reel length (m)		part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	part number	part number	part number	part number	hole size (mm)	part number
12	LFHU12B*	25		FPU12B*	25	14.0	10.2	30	FSU12-M16-M	FSU12-PG9-M	FSU12-M16-S	FSU12-PG9-S	12	FSU12-P
16	LFHU16B	25, 50		FPU16B*	25, 50	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	FSU16-PG13-S		
20	LFHU20B	25, 50		FPU20B*	25, 50	21.5	16.9	45	FSU20-M20-M	FSU20-PG16-M	FSU20-M20-S	FSU20-PG16-S	20	FSU20-P
25	LFHU25B	25, 50		FPU25B*	25	26.0	21.1	55	FSU25-M25-M	FSU25-PG21-M	FSU25-M25-S	FSU25-PG21-S	25	FSU25-P
32	LFHU32B	10, 25		FPU32B*	25	34.0	28.1	60	FSU32-M32-M	FSU32-PG29-M	FSU32-M32-S	FSU32-PG29-S	32	FSU32-P
40	LFHU40B	10, 25		FPU40B*	10	44.5	37.6	80	FSU40-M40-M	FSU40-PG36-M	FSU40-M40-S	FSU40-PG36-S	40	FSU40-P
50	LFHU50B	10, 25		FPU50B*	10	55.0	48.4	90	FSU50-M50-M	FSU50-PG48-M	FSU50-M50-S	FSU50-PG42-S	51	FSU50-P
63	LFHU63B	10		FPU63B*	10	64.5	57.5	115	FSU63-M63-M		FSU63-M63-S		61	FSU63-P
75	LFHU75B	10		FPU75B*	10	79.0	70.0	150	FSU75-M75-M				75	FSU75-P

Important Note

- For LFH performance see page 94

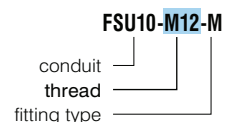
ORDERING NOTES

- Add reel length eg: LFHU20B-25M for 25m reel
- FSU fittings used on LFHU conduit
- For metallic blue change B to BU eg FPU20BU-25m
- * Indicates parts made to order on request and may be subject to MOQ and lead time



- **Available on request:**
 - longer lengths and bulk packaging
 - cut lengths and assemblies additional sizes
 - stainless steel fittings (grade 316)
 - alternative threads
 - full copies of independent test reports confirming screening effectiveness
 - 45° C type elbows 16 to 32mm

How to read the fittings code



properties

- High mechanical strength
- Highly flexible
- IP rating: IP54 with standard fittings,
IP65 with type C compression fittings
- Extra low Fire Hazard UL94 V0, for LFH see page 94 (LFHU)
- High fatigue life and high abrasion resistant (FPU)
- Halogen, sulphur and phosphorus free
- Compliant to LUL Std 1-085 (LFHU)
- Temperature range: -25°C to +90°C (LFHU)
-40°C to +80°C (FPU)
- Nickel plated brass fittings
- Vibration and shock tested to EN61373 Cat 2



IP54	IP65	IP65	IP65	IP65	IP65
F	C	C-S	C90	coupler	E
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.	external thread nickel plated brass Multipart compression fitting including elastomeric seal. Can be used for knockouts or threaded entries as fitting rotates until tightened.	external thread nickel plated brass Multipart compression fitting including elastomeric seal. The external thread swivels about the main body even after tightening.	external thread elbow nickel plated brass Multipart 90° compression fitting including elastomeric seal.	nickel plated brass Multi part compression coupler including nylon seals to join 2 conduits.	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)
	FSU12-M16-C	FSU12-PG9-C		FSU12-M16-C-S	FSU12-M16-C90		FSU12-E	12
FSU16-M16-F	FSU16-M16-C	FSU16-PG11-C	FSU16-050-C	FSU16-M16-C-S	FSU16-M16-C90		FSU16-E	16
FSU16-M20-F	FSU16-M20-C	FSU16-PG13-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
							FSU63-E	63
							FSU75-E	75

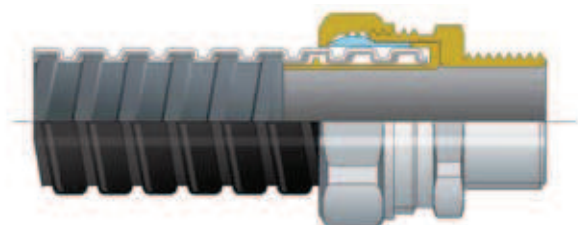
STANDARDS



BS EN IEC 61386

* refer to conduit properties for applicable standards

TECHNICAL DRAWING



LTP, LTPHC, LTPUL & LTPE

galvanised steel, plastic coated
liquid tight



CONDUIT

LTP

Construction: Galvanised steel, helically wound, flexible conduit with smooth oil resistant and high temperature pvc cover. Colour black. Grey or orange on request.*

Typical Applications: Machine tools or outdoor installations where liquid tight is a requirement.

LTPHC

Construction: Galvanised steel, helically wound, flexible conduit with smooth thermoplastic rubber cover. Colour black.

Typical Applications: Machine tools or outdoor installations where low or high temperature rating is required. ie. food processing

LTPUL

Construction: Galvanised steel, helically wound, flexible steel conduit including copper bonding strip (up to 32mm) with smooth pvc cover. Colour black.

Typical Applications: As for LTP but where UL listing or CSA approval is required.

LTPE

Construction: Galvanised steel, helically wound, flexible conduit with smooth pvc cover. Colour black.

Typical Applications: Machine tools or outdoor installations where liquid tight is a requirement.



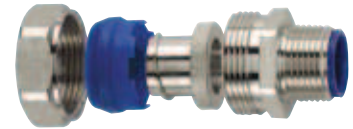
FITTINGS

IP66 IP67 IP68 IP69K

C

external thread nickel plated brass

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



nominal size (mm)	US trade size (")	outside dia (mm)	inside dia (mm)	LTP part number	real length (m)	min inside bend radius (mm)	LTPHC part number	real length (m)	min inside bend radius (mm)	LTPUL part number	real length (m)	min inside bend radius (mm)	LTPE part number	real length (m)	min inside bend radius (mm)
10	3/8	11.8	7.0	LTP10B ⁺	50	35									
12	1/2	14.2	10.0	LTP12B	25, 50	40	LTPHC12B	25	40						
16	5/8	17.8	12.6	LTP16B	10, 25, 50	45	LTPHC16B	25	45	LTPUL16B	25	50	LTPE16B	25	45
20	3/4	21.1	16.0	LTP20B	10, 25, 50	65	LTPHC20B	25	65	LTPUL20B	25	90	LTPE20B	25	65
25	1	26.4	21.0	LTP25B	10, 25, 50	100	LTPHC25B	25	100	LTPUL25B	25	110	LTPE25B	25	100
32	1 1/4	33.1	26.5	LTP32B	10, 25	135	LTPHC32B	25	135	LTPUL32B	15	140	LTPE32B	10, 25	135
40	1 1/2	41.8	35.4	LTP40B	10, 25	175	LTPHC40B	10	175	LTPUL40B	15	180	LTPE40B*	10, 25	175
50	2	47.9	40.4	LTP50B ⁺	10, 25	230	LTPHC50B ⁺	10	230	LTPUL50B ⁺	15	230	LTPE50B*	10, 25	230
63	2 1/2	59.7	51.6	LTP63B ⁺	10, 25	280	LTPHC63B ⁺	10	280	LTPUL63B ⁺	15	280	LTPE63B*	10, 25	280

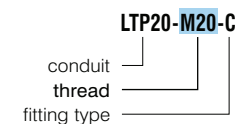
metric thread part number	PG thread part number	NPT thread part number
LTP10-M12-C		
LTP10-M16-C		
LTP12-M16-C	LTP12-PG9-C	
LTP16-M16-C	LTP16-PG11-C	
LTP16-M20-C	LTP16-PG13-C	LTP16-050-C
LTP20-M20-C	LTP20-PG16-C	LTP20-050-C
LTP25-M25-C	LTP25-PG21-C	LTP25-075-C
LTP32-M32-C	LTP32-PG29-C	LTP32-100-C
LTP40-M40-C	LTP40-PG36-C	LTP40-125-C
LTP50-M50-C	LTP50-PG42-C	
LTP63-M63-C	LTP63-PG48-C	

Note: Stainless steel fittings also available see page 29

ORDERING NOTES

- Add reel length eg: LTP20B-25M for a 25m reel
- For LTP specify colour (B = Black, G = Grey)
- * Indicates parts made to order on request and may be subject to MOQ and lead time
- + Double interlock section
- **Available on request:**
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - C-S with PG threads
 - other colours
 - internal thread fittings

How to read the fittings code

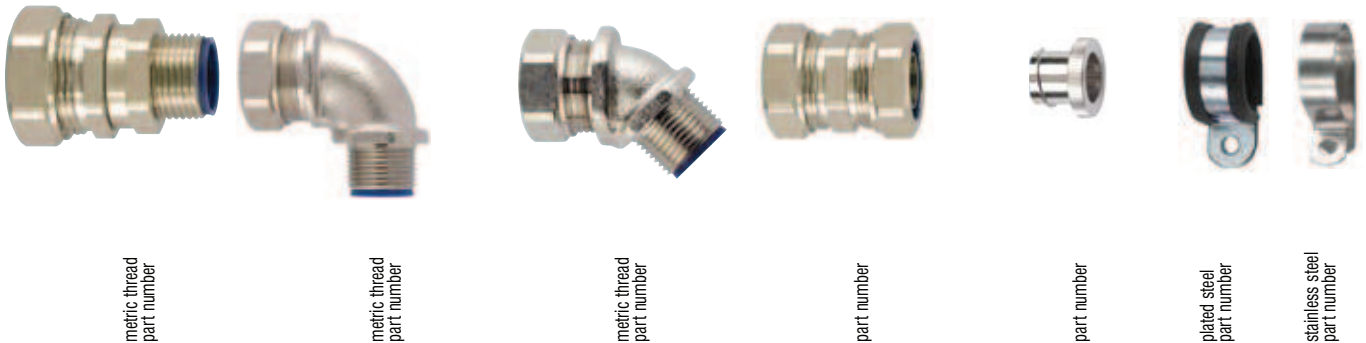


properties

- High mechanical strength
- IP rating: IP66 + IP67 + IP68 (5 bar) + IP69K
- Smooth, wipe clean outer cover
- Cover does not wrinkle when bent
- Temperature range
 - 20°C to +105°C (LTP)
 - 45°C to +135°C (LTPHC)
 - 15°C to +75°C (LTPUL)
 - 15°C to +70°C (LTPE)
- LTP has Lloyd's Register Type Approval
- LTPUL conduits are UL listed and CSA approved
- Resistant to oils and greases (except LTPE)
- Good flexibility
- UV resistant (black) and suitable for external use
- Nickel plated brass or stainless steel fittings as shown on page 29
- Vibration and shock tested to EN61373 Cat 2



IP66 IP67 IP68 IP69K	IP66 IP67 IP68 IP69K	IP66 IP67 IP68 IP69K	IP66 IP67 IP68 IP69K	IP66 IP67 IP68 IP69K	IP66 IP67 IP68 IP69K
C-S	C90	C45	coupler	E	FCC
swivel external thread nickel plated brass Compression fitting for knockout or threaded entries. Multipart compression fitting including elastomeric seal. The external thread swivels about the main body even after tightening.	external thread nickel plated brass 90° multipart compression fitting including nylon seal. Can be used for knockout.	external thread nickel plated brass 45° multipart compression fitting including nylon seal. Can be used for knockout.	nickel plated brass Multi part compression coupler including nylon seals to join 2 conduits.	insert nickel plated brass Single part, machined insert to cap end of conduit.	plated steel P clip with pvc liner stainless steel P clips P clip to support conduit.



metric thread part number	metric thread part number	metric thread part number	part number	part number	plated steel part number	stainless steel part number	nominal size (mm)
				LTP10-E	FCC10	FCC10-SS*	10
				LTP10-E	FCC10	FCC10-SS*	10
LTP12-M16-S	LTP12-M16-C90			LTP12-E	FCC12	FCC12-SS*	12
LTP16-M16-S	LTP16-M16-C90			LTP16-E	FCC16	FCC16-SS	16
LTP16-M20-S	LTP16-M20-C90	LTP16-M20-C45		LTP16-E	FCC16	FCC16-SS	16
LTP20-M20-S	LTP20-M20-C90	LTP20-M20-C45	LTP20-LTP20	LTP20-E	FCC20	FCC20-SS	20
LTP25-M25-S	LTP25-M25-C90	LTP25-M25-C45	LTP25-LTP25	LTP25-E	FCC25	FCC25-SS	25
LTP32-M32-S	LTP32-M32-C90	LTP32-M32-C45		LTP32-E	FCC32	FCC32-SS	32
LTP40-M40-S	LTP40-M40-C90	LTP40-M40-C45		LTP40-E	FCC40	FCC40-SS	40
LTP50-M50-S	LTP50-M50-C90	LTP50-M50-C45		LTP50-E	FCC50	FCC50-SS*	50
	LTP63-M63-C90	LTP63-M63-C45		LTP63-E	FCC63		63

STANDARDS

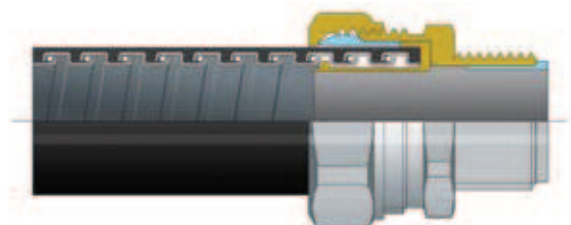


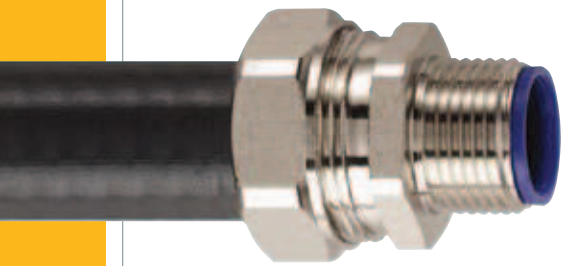
BS EN IEC 61386



* refer to conduit properties for applicable standards

TECHNICAL DRAWING





Specialist liquid tight products

LTPSS system stainless steel
pvc coated liquid tight

LTPPU system galvanised
steel, polyurethane coated
liquid tight NEW

CONDUIT

LTPSS

Construction: Stainless steel (316), helically wound, flexible conduit with oil resistant and high temperature pvc smooth cover. Colour black.

Typical Applications: Food processing machinery or outdoor applications where high corrosion resistance and liquid tight are a requirement.

LTBRDP

Construction: Galvanised steel, helically wound, flexible conduit with galvanised steel braid and oil resistant and high temperature pvc smooth cover. Colour black.

Typical Applications: Machinery or outdoor applications where high corrosion resistance and liquid tight are a requirement combined with EMC screening

LTPPU

Construction: Galvanised steel, helically wound, flexible steel conduit with smooth halogen free polyurethane cover. Colour black and blue.

Typical Applications: Where low temperature performance, high abrasion, high fatigue life and liquid tight are a requirement.

LTBRDLFH

Construction: Galvanised steel, helically wound, flexible conduit with galvanised steel braid and smooth LFH cover. Colour black.

Typical Applications: Installations where liquid tight is a requirement and where low fire hazard properties and EMC screening are required.



FITTINGS

IP66 IP67 IP68 IP69K

C

external thread nickel plated brass

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



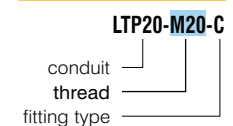
nominal size (mm)	US trade size (")	outside dia (mm)	inside dia (mm)	LTPSS part number	reel length (m)	min inside bend radius (mm)	LTPPU part number	reel length (m)	min inside bend radius (mm)	LTBRDP part number	reel length (m)	min inside bend radius (mm)	LTBRDLFH part number	reel length (m)	min inside bend radius (mm)
10	3/8	11.8	7.0				LTPPU10*	25	35						
12	1/2	14.2	10.0				LTPPU12*	25	40						
16	5/8	17.8	12.6	LTPSS16*	25	45	LTPPU16*	25	45						
20	3/4	21.1	16.0	LTPSS20	25	65	LTPPU20*	25	65	LTBRDP20B	25	65	LTBRDLFH20B*	25	130
25	1	26.4	21.0	LTPSS25	25	100	LTPPU25*	25	100	LTBRDP25B	25	100	LTBRDLFH25B*	25	200
32	1 1/4	33.1	26.5	LTPSS32	10	135	LTPPU32*	25	135	LTBRDP32B	25	120	LTBRDLFH32B*	25	270
40	1 1/2	41.8	35.4				LTPPU40*	10	175	LTBRDP40B	10	140			
50	2	47.9	40.4				LTPPU50*	10	230	LTBRDP50B	10	180			
63	2 1/2	59.7	51.6				LTPPU63*	10	280						

metric thread part number	PG thread part number	NPT thread part number
LTP10-M12-C		
LTP10-M16-C		
LTP12-M16-C	LTP12-PG9-C	
LTP16-M16-C	LTP16-PG11-C	
LTP16-M20-C	LTP16-PG13-C	LTP16-050-C
LTP20-M20-C	LTP20-PG16-C	LTP20-050-C
LTP25-M25-C	LTP25-PG21-C	LTP25-075-C
LTP32-M32-C	LTP32-PG29-C	LTP32-100-C
LTP40-M40-C	LTP40-PG36-C	LTP40-125-C
LTP50-M50-C	LTP50-PG42-C	
LTP63-M63-C	LTP63-PG48-C	

ORDERING NOTES

- Add reel length eg: LTPSS20B-25M for a 25m reel
 - Stainless Steel LTP fittings can be used with any of the conduits shown on page 26
 - Add colour for LTPPU ie B=Black, BU=Blue eg. LTPPU20B is Black
 - Available on request:
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - other colours
 - 45 degree stainless steel elbows
- * Indicates parts made to order on request and may be subject to MOQ and lead time

How to read the fittings code



LTBRDP system

galv steel, galv steel braid,
pvc coated liquid tight



properties

- High mechanical strength
- Good flexibility
- IP rating: IP66 + IP67 + IP68 (5 bar) + IP69K
- Smooth, wipe clean outer cover
- Cover does not wrinkle when bent
- Resistant to oils and greases
- Temperature range:
 - 20°C to +105°C (LTPSS & LTBRDP)
 - 20°C to +90°C (LTBRDLFH)
 - 40°C to +80°C (LTPPU)
- UV resistant and suitable for external use
- High abrasion, high fatigue life (LTPPU)
- Vibration and shock tested to EN61373 Cat 2
- Provides EMC screening (LTBRDP, LTBRDLFH)
- Compliant to LUL Std 1-085 (LTBRDLFH)

LTBRDLFH system

galv steel, galv steel braid,
LFH coated liquid tight



IP66 IP67 IP68 IP69K

C-SS

external thread stainless steel

Multipart compression fitting with Stainless Steel (316) body and nut and nickel plated brass insert, including nylon seal. Can be used for knockout or threaded entries as fitting rotates until tightened.

IP66 IP67 IP68 IP69K

C-90-SS

external thread stainless steel (316)

90° multipart compression fitting with Stainless Steel (316) body and nut and nickel plated brass insert, including nylon seal. Can be used for knockout.

LOCKNUTS

stainless steel (316) locknuts

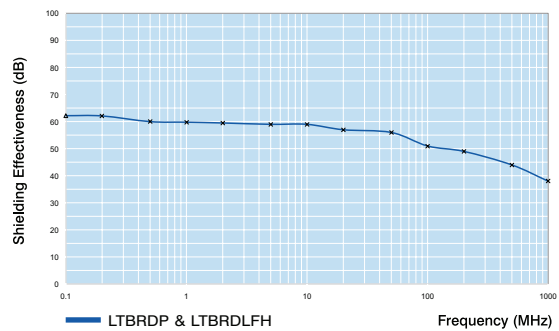
Hexagonal locknut to secure fitting.

FCC-SS

stainless steel (316) P clips

P clip to support conduit.

EMC SCREENING PERFORMANCE



metric thread part number



metric thread part number



part number



part number

C-SS		C-90-SS		LOCKNUTS	FCC-SS	nominal size (mm)
LTP16-M16-CSS				SS-M16	FCC16-SS	10
LTP16-M20-CSS	LTP16-M20-CSS90			SS-M20	FCC16-SS	10
LTP20-M20-CSS	LTP20-M20-CSS90			SS-M20	FCC20-SS	12
LTP25-M25-CSS	LTP25-M25-CSS90			SS-M25	FCC25-SS	16
LTP32-M32-CSS	LTP32-M32-CSS90			SS-M32	FCC32-SS	16
LTP40-M40-CSS	LTP40-M40-CSS90			SS-M40	FCC40-SS	20
LTP50-M50-CSS	LTP50-M50-CSS90			SS-M50	FCC50-SS*	25
						32
						40
						50

STANDARDS

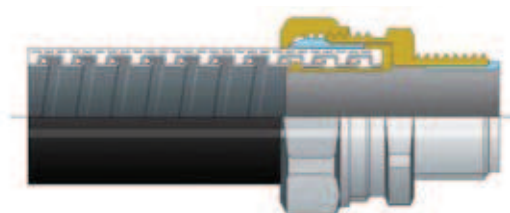


BS EN IEC 61386



* refer to conduit properties for applicable standards

TECHNICAL DRAWING





Hazardous area liquid tight conduit solutions

NEW

EXD Conduit Glands

Flameproof EXD Barrier gland

HAZARDOUS AREA CLASSIFICATIONS AND ZONES

Introduction

Hazardous Areas exist where a flammable mixture of gas and air, or dust and air, can exist in large enough quantities and for long enough periods to create a risk of explosion if an ignition source is present. Wherever possible it is important to minimise the risk of explosive mixtures forming and / or the risk of ignition. In the instances where this is impossible or impractical then means of providing a level of protection are required.

This guide will briefly explain how people and plant can be protected in hazardous areas. The guide is particularly focussed towards applications for the Flexicon EXD conduit gland and is not intended to be a full guide to hazardous areas. Users of this conduit gland should be fully qualified, competent and conversant with hazardous area requirements.

Flammable mixtures and ignition sources

Flammable gases when mixed with air can be explosive. Gases are categorised into 3 groups with Group A being the least explosive and Group C being the most explosive. Equipment is also classified from T1 to T6 according to maximum allowed temperature resulting from the ignition temperature of the gas/air mix

Certain fine dusts dispersed in air can also be explosive

Ignition sources include: sparking due to static discharge, electrical arcs, lightning, hot engine exhaust, hot equipment and heat from chemical reactions.

Hazardous Area Zones

The level of risk in hazardous areas is defined by a zoning system.

Zone 0

An area where an explosive gas atmosphere is present continuously or for long periods of time.

Zone 1

An area where an explosive gas atmosphere may exist under normal operating conditions.

Zone 2

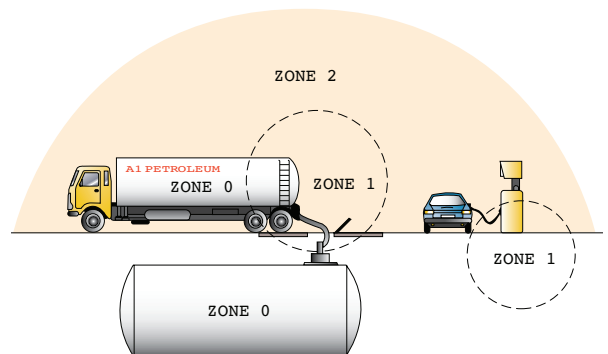
An area where an explosive gas atmosphere is not likely to exist under normal operating conditions, but if it does it will exist only for a short period of time.

Zone 21

An area, in which combustible dust, as a cloud, is occasionally present during normal operation, in sufficient quantity to be capable of producing an explosive concentration of combustible dust in a mixture with air.

Zone 22

An area, in which combustible dust, as a cloud, may occur infrequently and persist for only a short period, or in which accumulations of layers of combustible dust may give rise to an explosive concentration of combustible dust in a mixture with air.

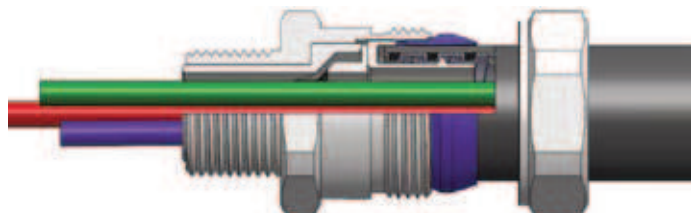


Flexicon EXD barrier glands can be used in Zone 1 and Zone 2 areas where Group A, B or C gases are present. As the gland does not add to the temperature of the enclosure, it does not have a temperature classification and so can be used with all temperature classes. Flexicon EXD barrier glands can be used in Zone 21 and Zone 22 where explosive dust may be present.

ORDERING NOTES

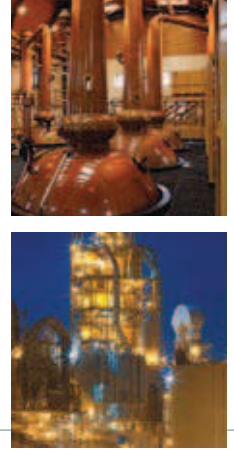
- Additional epoxy compound packs - contact us
- NPT threads on request
- Stainless steel (316) on request
- EXD Reducers, enlargers, thread convertors and stop plugs on request
- Face sealing washers are sold separately

TECHNICAL DRAWING



properties

- IP Rating: IP66 + IP67 + IP68 (5bar) + IP69K
- Material: Nickel Plated Brass
- Suitable for threaded entries
- Operating Temperature of gland -60°C to +85°C
- High mechanical strength
- Can be used with individual cores or oversheathed cable
- Can be used in Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous areas when used with Flexicon's Liquid Tight range of flexible conduits
- ATEX and IECEx EX d (Flameproof)
- ATEX and IECEx EX e (Increased Safety)
- ATEX and IECEx EX t (Dust Ignition Protection)

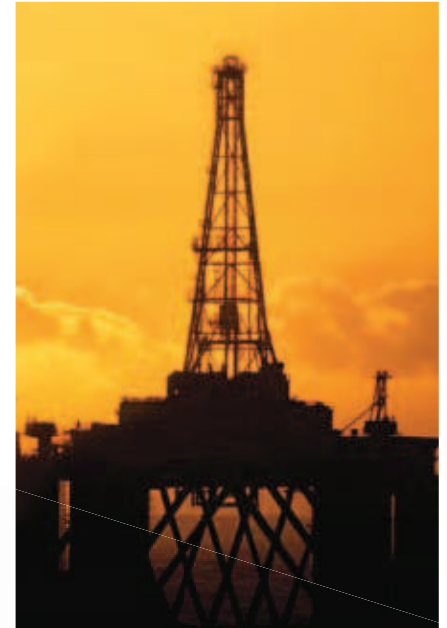


Hazardous area Approvals

ATEX APPROVAL:	Sira Certificate No Sira 10ATEX1172X
Ex d FLAMEPROOF	Ex d IIC Gb EN 60079-1 2007
Ex e INCREASED SAFETY	Ex e IIC Gb EN 60079-7 2007
Ex t DUST IGNITION PROTECTION	Ex ta IIIC Da IP6X IEC 60079-31 2008



IECEx APPROVAL	Sira Certificate No IECEx SIR 10.0094X
Ex d FLAMEPROOF	Ex d IIC Gb IEC 60079-1 2007
Ex e INCREASED SAFETY	Ex e IIC Gb IEC 60079-7 2006-7
Ex t DUST IGNITION PROTECTION	Ex ta IIIC Da IP6X IEC 60079-31 2008

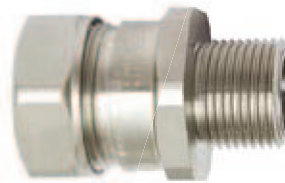


LTP - EXD

IP66 IP67 IP68 IP69K

Construction: Nickel Plated Brass fitting with a nylon seal and two part epoxy resin pack. Supplied in boxes of one complete with instructions and gloves.

Typical Applications: Flameproof barrier gland offering a high specification high quality solution for Ex d, Ex e and Ex t applications. IP rating: IP66, + IP67 + IP68(5bar) + IP69K

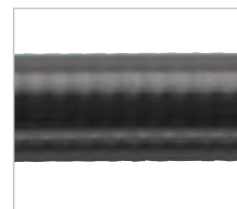


Part No.	To fit Conduit Size (mm)	Thread Size
LTP16-M20-EXD	16	M20
LTP20-M20-EXD	20	M20
LTP25-M25-EXD	25	M25
LTP32-M32-EXD	32	M32
LTP40-M40-EXD	40	M40
LTP50-M50-EXD	50	M50
LTP63-M63-EXD	63	M63

STANDARDS



BS EN IEC 61386





FL system

galvanised steel pliable

FLP system

galvanised steel
pvc coated, pliable



CONDUIT	FITTINGS	CONDUIT	FITTINGS
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	IP40		IP66 IP67
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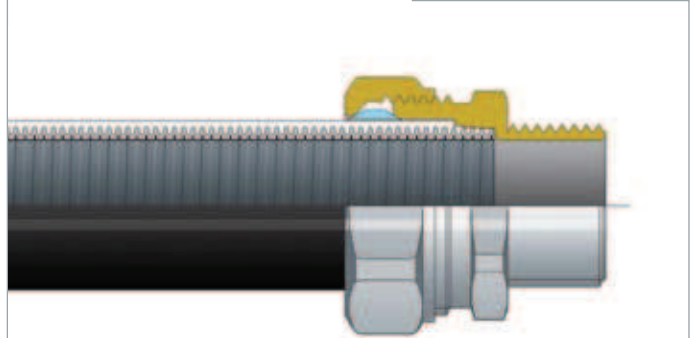
FL	C Type	FLP	C Type
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<p>Construction: Corrugated galvanised steel with kraft paper lining. Colour, zinc self colour.</p> <p>Typical Applications: Any installation where there is no movement.</p> <ul style="list-style-type: none"> • High compression strength • Provides EMC screening • IP rating: IP40, • Can be formed into shape requiring fewer clips • Temperature range -40°C to +120°C • Nickel plated brass fittings • Inherently low fire hazard 	<p>external thread nickel plated brass</p> <p>Multipart compression fitting including nylon compression seal. Can be used for knockout or threaded entries as fitting rotates until tightened. Provides EMC screening.</p>	<p>Construction: Corrugated galvanised steel with kraft paper lining and smooth pvc outer cover. Colour black.</p> <p>Typical Applications: Any installation where there is no movement and a high IP rating is required.</p> <ul style="list-style-type: none"> • High compression strength • Pull off strength: Type C 50kg (20mm) • Provides EMC screening • IP rating: IP66 + IP67 for Type C • Smooth, wipe clean outer cover • Does not wrinkle when bent • Can be formed into shape requiring fewer clips • Temperature range -15°C to +70°C • Lloyd's Register Type Approved 	<p>external thread nickel plated brass</p> <p>Multipart compression fitting including serrated nylon seal. Can be used for knockout or threaded entries as fitting rotates until tightened. Provides EMC screening once pvc is trimmed from end of conduit.</p>
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nominal size (mm)	FL part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	metric thread part number	nominal size (mm)	FLP part number	reel length (m)	min inside bend radius (mm)	outside dia (mm)	metric thread part number
16							16	FLP16B	25	35	17.8	FLP16-M16-C
20	FL20	25	19.0	14.6	35	FL20-M20-C	20	FLP20B	10,25,50	35	20.9	FLP20-M20-C
25	FL25	25	25.1	20.4	45	FL25-M25-C	25	FLP25B	10,25,50	45	27.3	FLP25-M25-C
32							32	FLP32B	10,30	55	34.0	FLP32-M32-C
40							40	FLP40B	25	70	40.4	use C-HS
50							50	FLP50B	20	110	53.1	use C-HS

STANDARDS	TECHNICAL DRAWING
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* refer to conduit properties for applicable standards

Flexicon Ultrascreen™

NEW

LFHP system

galvanised steel extra LFH coated, pliable



CONDUIT

LFHP

Construction: Corrugated galvanised steel with kraft paper lining and smooth extra LFH outer cover. Colour black.

Typical Applications: Any installation where there is no movement and a high IP rating is required.

- Pull off strength: Type C-HS 100kg (20mm)
- Extra low fire hazard, oil resistant and UV resistant
- Vibration and shock tested to EN61373 Cat 2
- High compression strength 570kg/100mm
- Provides EMC screening
- IP rating: IP66 + IP67 + IP68 (5 bar) + IP69K
- Can be formed into shape requiring fewer clips
- Temperature range -25°C to +90°C
- Smooth, wipe clean outer cover
- Does not wrinkle when bent
- Lloyd's Register Type Approved



LFHP part number	reel length (m)	min inside bend radius (mm)	outside dia (mm)	inside dia (mm)
LFHP16B	25	40	17.8	11.6
LFHP20B	25	40	20.9	14.6
LFHP25B	25	55	27.3	20.4
LFHP32B	25	65	34.0	26.7
LFHP40B	25	85	40.4	32.8
LFHP50B	25	130	53.1	45.3

FITTINGS

IP66 IP67 IP68 IP69K

IP66 IP67 IP68 IP69K

C-HS

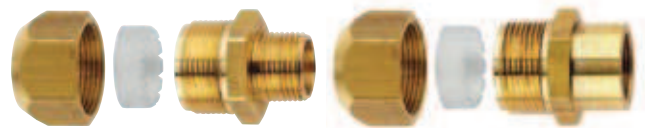
external thread brass - high specification

Multipart compression fitting including serrated nylon seal. Can be used for knockout or threaded entries as fitting rotates until tightened. Provides EMC screening once cover is trimmed from end of conduit.

F-HS

internal thread brass - high specification

Multipart compression fitting including serrated nylon seal. Provides EMC screening once cover is trimmed from end of conduit.



metric thread part number

metric thread part number

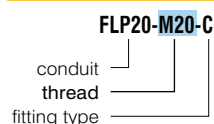
FLP16-M16-C-HS
FLP20-M20-C-HS
FLP25-M25-C-HS
FLP32-M32-C-HS
FLP40-M40-C-HS
FLP50-M50-C-HS

FLP16-M16-F-HS
FLP20-M20-F-HS
FLP25-M25-F-HS
FLP32-M32-F-HS
FLP40-M40-F-HS
FLP50-M50-F-HS

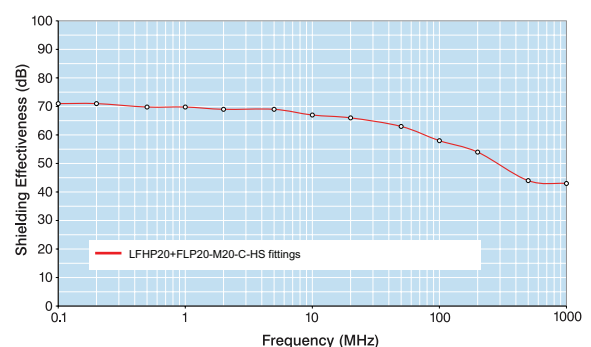
ORDERING NOTES

- Add reel length eg: FLP20B-25M for 25m reel
- **Available on request:**
 - longer lengths
 - cut lengths and assemblies
 - additional sizes
 - full copies of independent test report confirming screening effectiveness

How to read the fittings code



EMC SCREENING PERFORMANCE





FSB system galvanised steel core, pvc coated, galvanised steel overbraid



LFHUBRD system galvanised steel core, extra LFH coated, stainless steel overbraid



CONDUIT

FSB

Construction: Galvanised steel, helically wound, flexible conduit with pvc coating and galvanised steel overbraid. Colour zinc, self colour.

Typical Applications: Industrial environments where higher abrasion resistance or screening are required.

LFHUBRD

Construction: Galvanised steel, helically wound, flexible conduit with extra LFH coating and stainless steel (316) overbraid.

Typical Applications: Metro rail stations where LFH, EMC screening and anti-vandal properties are required. Compliant to LUL std 1-085.



FITTINGS

IP54

M

fixed external thread nickel plated brass

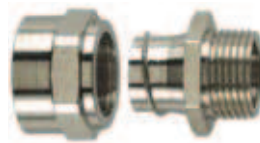
Two part fitting comprising of shell and body with external thread. This fitting can be inserted into a knockout and secured with a locknut.

IP54

S

swivel external thread nickel plated brass

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

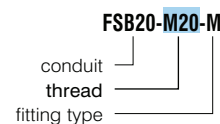


nominal size (mm)	FSB part number		reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	metric thread part number		PG thread part number	
	FSB	LFHUBRD					metric thread part number	PG thread part number	metric thread part number	PG thread part number
12	FSB12		25	15.2	10.2	30	FSB12-M16-M	FSB12-PG9-M	FSB12-M16-S	FSB12-PG9-S
16	FSB16		25	18.2	13.0	40	FSB16-M16-M	FSB16-PG11-M	FSB16-M16-S	FSB16-PG11-S
16							FSB16-M20-M		FSB16-M20-S	
20	FSB20	LFHUBRD20	25	22.7	16.9	45	FSB20-M20-M	FSB20-PG16-M	FSB20-M20-S	FSB20-PG16-S
25	FSB25	LFHUBRD25	25	27.2	21.1	55	FSB25-M25-M	FSB25-PG21-M	FSB25-M25-S	FSB25-PG21-S
32	FSB32	LFHUBRD32	25	35.2	28.1	70	FSB32-M32-M	FSB32-PG29-M	FSB32-M32-S	FSB32-PG29-S
40	FSB40		10	45.7	37.6	80	FSB40-M40-M	FSB40-PG36-M	FSB40-M40-S	FSB40-PG36-S
50	FSB50		10	57.7	48.4	90	FSB50-M50-M	FSB50-PG48-M	FSB50-M50-S	FSB50-PG42-S

ORDERING NOTES

- Add reel length eg: FSB20-25M for 25m reel
- Available on request:
 - longer lengths, cut lengths and assemblies
 - additional sizes, stainless steel overbraided
 - PG threads, female threaded fittings
 - full copies of independent test report confirming screening effectiveness

How to read the fittings code



STANDARDS



BS EN IEC 61386



* refer to conduit properties for applicable standards

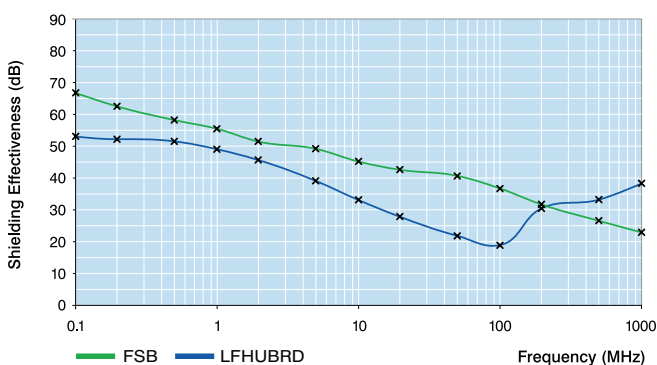
properties

- High mechanical strength
- Tensile strength with standard fittings 120kg for 20mm size
- Tensile strength with C type fittings 300kg for 20mm size
- Highly flexible
- IP rating: IP54 for standard fittings, IP65 for C type fittings
- High abrasion resistance
- Resists hot metal swarf and splashes
- Provides EMC screening
- Temperature range
 - 15°C to +70°C (FSB)
 - 20°C to +90°C (LFHUBRD)
- LFHUBRD is extra low fire hazard
- Compliant to LUL Std 1-085 (LFHUBRD)
- Nickel plated brass fittings
- Vibration and shock tested to EN61373 Cat 2

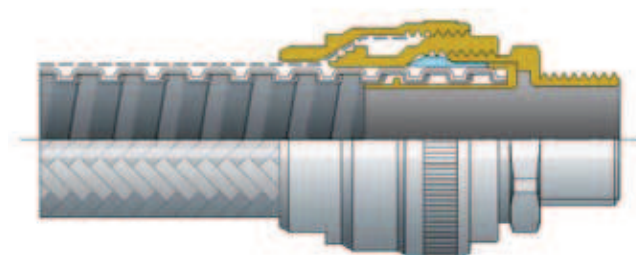


IP54		IP65		IP65		IP65	
P		C		C-S		C90	
plain hole connector nickel plated brass		fixed external thread nickel plated brass		swivel external thread nickel plated brass		external thread elbow nickel plated brass	
Two part fitting comprising of shell and body without thread. Shell is fitted through the opposite side of the entry to the conduit and acts as a locking device also providing a smooth entry bush.		Multipart compression fitting including elastomeric seal. Can be used for knockouts. Braid is locked between inner and outer compression nuts.		Multipart compression fitting including elastomeric seal can be used for knockouts or threaded entries. Braid is locked between inner and outer compression nuts.		Multipart 90° compression fitting including elastomeric seal. Braid is locked between inner and outer compression nuts.	
hole size (mm)	part number	metric thread part number	PG thread part number	metric thread part number	metric thread part number	nominal size (mm)	
12	FSB12-P					12	
16	FSB16-P	FSB16-M16-C	FSB16-PG11-C	FSB16-M16-C-S	FSB16-M16-C90	16	
		FSB16-M20-C	FSB16-PG13-C	FSB16-M20-C-S	FSB16-M20-C90	16	
20	FSB20-P	FSB20-M20-C	FSB20-PG16-C	FSB20-M20-C-S	FSB20-M20-C90	20	
25	FSB25-P	FSB25-M25-C	FSB25-PG21-C	FSB25-M25-C-S	FSB25-M25-C90	25	
32	FSB32-P	FSB32-M32-C	FSB32-PG29-C	FSB32-M32-C-S	FSB32-M32-C90	32	
40	FSB40-P					40	
50	FSB50-P					50	

EMC SCREENING PERFORMANCE



TECHNICAL DRAWING





FB system

galvanised steel core
galvanised steel overbraid

FUSSB system

galvanised steel core
stainless steel overbraid



CONDUIT

FB

Construction: Galvanised steel, helically wound conduit with galvanised steel overbraid. Colour zinc, self colour.

Typical Applications: Industrial environments and high temperatures.

FUSSB

Construction: Galvanised steel, helically wound, flexible conduit with stainless steel (316) overbraid.

Typical Applications: Underground stations where LFH properties and EMC screening are required.



FITTINGS

M

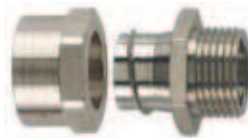
fixed external thread nickel plated brass

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

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.

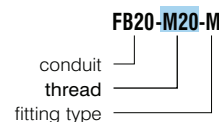


nominal size (mm)	FB part number	FUSSB part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	metric thread part number	PG thread part number	metric thread part number	PG thread part number
12	FB12		25	14.0	10.2	30	FB12-M16-M	FB12-PG9-M	FB12-M16-S	FB12-PG9-S
16	FB16		25	17.5	13.0	40	FB16-M16-M	FB16-PG11-M	FB16-M16-S	FB16-PG11-S
16							FB16-M20-M		FB16-M20-S	
20	FB20	FUSSB20	25	21.5	16.9	45	FB20-M20-M	FB20-PG16-M	FB20-M20-S	FB20-PG16-S
25	FB25	FUSSB25	25	26.0	21.1	55	FB25-M25-M	FB25-PG21-M	FB25-M25-S	FB25-PG21-S
32	FB32	FUSSB32	25	34.0	28.1	70	FB32-M32-M	FB32-PG29-M	FB32-M32-S	FB32-PG29-S
40	FB40		10	43.5	37.6	80	FB40-M40-M	FB40-PG36-M	FB40-M40-S	FB40-PG36-S
50	FB50		10	54.5	48.4	90	FB50-M50-M	FB50-PG48-M	FB50-M50-S	FB50-PG48-S

ORDERING NOTES

- Add reel length eg: FB20-25M for 25m reel
- * Indicates parts made to order on request and may be subject to MOQ and lead time
- **Available on request:**
 - longer lengths, cut lengths and assemblies
 - additional sizes, stainless steel overbraided
 - PG threads, female threaded fittings
 - full copies of independent test report confirming screening effectiveness

How to read the fittings code



STANDARDS



BS EN IEC 61386

properties

- High mechanical strength
- Highly flexible
- IP rating: IP40
- High abrasion resistance
- Resists hot metal swarf and splashes
- Provides EMC screening
 - 55dB@1MHz (FB)
 - 49dB@1MHz (FUSSB)
- Temperature range -100°C to +300°C
- Inherently Low Fire Hazard (LFH)
- Fully compliant to LUL Std 1-085
- Nickel plated brass fittings



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.

90° elbow

internal and external threaded nickel plated brass elbow

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

locknuts

galvanised steel and nickel plated brass locknuts

Hexagonal locknut to secure fitting. EMC locknuts have raised corners to ensure good continuity.

FCC

plated steel P clip with pvc liner, stainless steel P clips

P clip to support conduit.



hole size (mm)

part number

metric thread part number

metric thread steel part number

metric thread EMC part number

metric thread brass part number

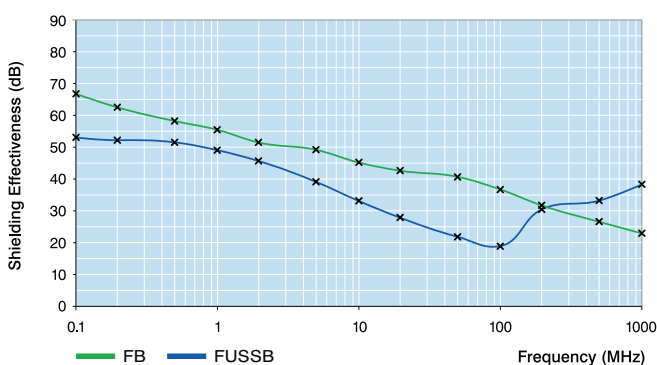
plated steel part number

stainless steel part number

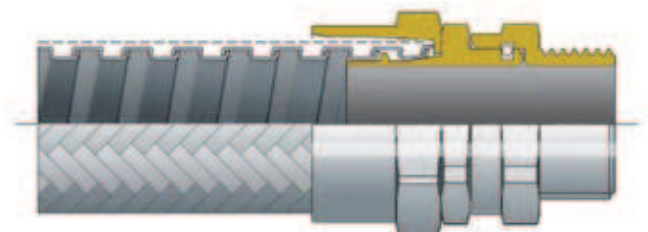
nominal size (mm)

12	FB12-P	BM90-16M	S-M16	B-M16	FCC12	FCC12-SS*	12
16	FB16-P	BM90-16M	S-M16	B-M16	FCC16	FCC16-SS	16
		BM90-20M	S-M20	B-M20	FCC16	FCC16-SS	16
20	FB20-P	BM90-20M	S-M20	B-M20-EMC	FCC20	FCC20-SS	20
25	FB25-P	BM90-25M	S-M25	B-M25-EMC	FCC25	FCC25-SS	25
32	FB32-P	BM90-32M	S-M32	B-M32-EMC	FCC32	FCC32-SS	32
40	FB40-P	BM90-40M	S-M40	B-M40-EMC	FCC40	FCC40-SS	40
51	FB50-P	BM90-50M	S-M50	B-M50	FCC50	FCC50-SS*	50

EMC SCREENING PERFORMANCE



TECHNICAL DRAWING





LTPBRD system

galvanised steel core,
thermoplastic rubber
coated and stainless
steel overbraid



CONDUIT

LTPBRD

Construction: Galvanised steel, helically wound, flexible conduit with thermoplastic rubber cover (same as LTPHC) and stainless steel (grade 316) overbraid.

Typical Applications: Very arduous industrial environments such as steel works.

FITTINGS

IP66 IP67 IP68 IP69K

C

external thread nickel plated brass

Multipart compression fitting including nylon seal. Can be used for knockout. Braid is locked between inner and outer compression nuts.

IP66 IP67 IP68 IP69K

C-S

swivel external thread nickel plated brass

Multipart compression fitting including nylon seal can be used for knockouts or threaded entries. Braid is locked between inner and outer compression nuts.

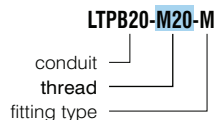


nominal size (mm)	LTPBRD part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	metric thread part number	metric thread part number
16	LTPBRD16	25	19.3	12.6	45	LTPB16-M16-C	LTPB16-M16-S
16						LTPB16-M20-C	LTPB16-M20-S
20	LTPBRD20	25	22.6	16.0	65	LTPB20-M20-C	LTPB20-M20-S
25	LTPBRD25	25	27.9	21.0	100	LTPB25-M25-C	LTPB25-M25-S
32	LTPBRD32	25	34.6	26.5	135	LTPB32-M32-C	LTPB32-M32-S
40	LTPBRD40	10	43.3	35.4	175	LTPB40-M40-C	LTPB40-M40-S
50	LTPBRD50+	10	49.3	40.4	230	LTPB50-M50-C	LTPB50-M50-S

ORDERING NOTES

- Add reel length eg: LTPBRD20B-25M for 25m reel
- * Indicates parts made to order on request and may be subject to MOQ and lead time
- + Double interlock section
- **Available on request:**
 - longer lengths
 - 45° available in sizes 16-50mm
 - cut lengths and assemblies
 - additional sizes
 - full copies of independent test report confirming screening effectiveness

How to read the fittings code



STANDARDS

BS EN IEC 61386



properties

- High mechanical strength
- Good flexibility
- IP rating: IP66 + IP67 + IP68 (5 bar) IP69K
- Temperature range -45°C to +135°C
- High abrasion resistance
- Very high tensile strength
- Vibration and shock tested to EN61373 Cat 2



IP66 IP67 IP68 IP69K

C90 elbow

external threaded elbow nickel plated brass

Multipart compression fitting including nylon seal. Braid is locked between inner and outer compression nuts.



sealing washers

fibre face sealing washers

Sealing washer to maintain IP rating of fitting to adjacent equipment.



locknuts

galvanised steel and nickel plated brass locknuts

Hexagonal locknut to secure fitting. EMC locknuts have raised corners to ensure good continuity.



FCC

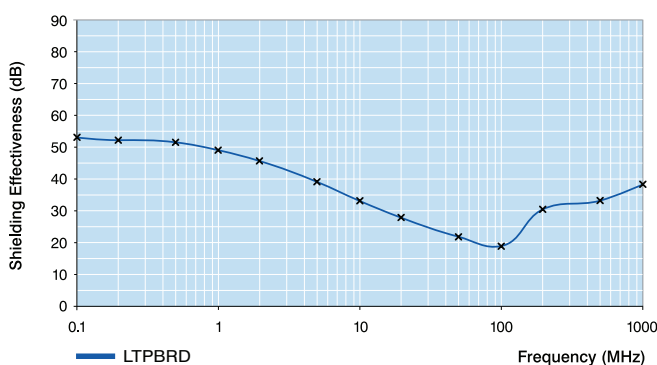
plated steel P clip with pvc liner, stainless steel P clips

P clip to support conduit.

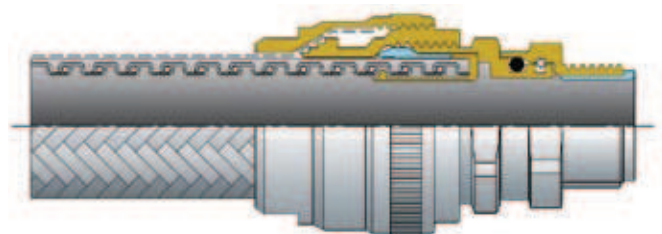


metric thread part number	part number	metric thread steel part number	metric thread EMC part number	metric thread brass part number	plated steel part number	stainless steel part number	nominal size (mm)
LTPB16-M16-C90	FW16	S-M16		B-M16	FCC16	FCC16-SS	16
LTPB16-M20-C90	FW20						16
LTPB20-M20-C90	FW20	S-M20	B-M20-EMC	B-M20	FCC20	FCC20-SS	20
LTPB25-M25-C90	FW25	S-M25	B-M25-EMC	B-M25	FCC25	FCC25-SS	25
LTPB32-M32-C90	FW32	S-M32	B-M32-EMC	B-M32	FCC32	FCC32-SS	32
LTPB40-M40-C90	FW40	S-M40	B-M40-EMC	B-M40	FCC40	FCC40-SS	40
LTPB50-M50-C90	FW50	S-M50		B-M50	FCC50	FCC50-SS*	50

EMC SCREENING PERFORMANCE



TECHNICAL DRAWING





FPRSS system corrugated nylon, stainless steel overbraid

FPRTC system corrugated nylon, tinned copper overbraid



CONDUIT

FPRSS

Construction: Standard weight, extra low fire hazard, corrugated nylon (PA6), with stainless steel (316) overbraid.

Typical Applications: Metro rail stations for anti-vandal.

FPISS

Construction: Standard weight, corrugated nylon (PA12), with stainless steel (316) overbraid.

Typical Applications: Moving machinery where low temperatures, abrasion and impacts occur.

FPRTC

Construction: Standard weight, extra low fire hazard, corrugated nylon (PA6), with tinned copper overbraid.

Typical Applications: Inside railway carriages where screening is required.

FPIHSS

Construction: Heavy weight, corrugated nylon (PA12), with stainless steel (316) overbraid.

Typical Applications: Under railway carriages where low temperatures, abrasion, impact and regular movement occurs.



FITTINGS

IP67

IP67

C

fixed external thread nickel plated brass

Multipart compression fitting including conduit retention clip and elastomeric seal. Can be used with knockouts. Braid is locked between inner and outer compression nuts.

C-S

swivel external thread nickel plated brass

Multipart compression fitting including conduit retention clip and elastomeric seal. Can be used for knockouts and threaded entries. Braid is locked between inner and outer compression nuts.

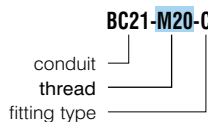
nominal size (mm)	FPRSS part number	FPRTC part number	FPISS part number	FPIHSS part number	outside dia (mm)	min inside dia (mm)	min inside bend radius (mm)	metric thread part number	metric thread part number	PG thread part number
16	FPRSS16-50M	FPRTC16-50M*	FPISS16-50M*	FPIHSS16-50M	17.3	11.5	35	BC16-M16-C	BC16-M16-S	BC16-PG11-S
20	FPRSS21-50M	FPRTC21-50M*	FPISS21-50M*	FPIHSS21-50M	22.7	15.0	45	BC21-M20-C	BC21-M20-S	BC21-PG16-S
25	FPRSS28-50M	FPRTC28-50M*	FPISS28-50M*	FPIHSS28-50M	30.0	21.3	50	BC28-M25-C	BC28-M25-S	BC28-PG21-S
32	FPRSS34-50M	FPRTC34-50M*	FPISS34-25M*	FPIHSS34-25M	36.0	26.9	60	BC34-M32-C	BC34-M32-S	BC34-PG29-S
40	FPRSS42-25M*	FPRTC42-25M*	FPISS42-25M*	FPIHSS42-25M*	44.0	35.5	70	BC42-M40-C	BC42-M40-S	
50	FPRSS54-25M*	FPRTC54-25M*	FPISS54-25M*	FPIHSS54-25M*	46.0	47.2	80	BC54-M50-C	BC54-M40-S	

ORDERING NOTES

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

- Available on request:
 - longer lengths
 - cut lengths and assemblies
 - additional sizes
 - full copies of independent test report
 - confirming screening effectiveness

How to read the fittings code



STANDARDS



BS EN IEC 61386



* refer to conduit properties for applicable standards

FPISS system

corrugated nylon,
stainless steel overbraid

FPIHSS system

corrugated nylon,
stainless steel overbraid



properties

FPRSS & FPRTC

- Highly flexible and high fatigue life
- High impact strength
- Temperature range -40°C to +120°C
- Extra low fire hazard
- Provides EMC screening
 - 49dB@1MHz (FPRSS)
 - 67dB@1MHz (FPRTC)
- FPRSS provides high tensile strength and resistance to abrasion, corrosion and vandals
- Vibration and shock tested to EN61373 Cat 2

FPISS & FPIHSS

- Highly flexible
- Exceptional fatigue life
- Very high impact resistance even at low temperatures
- Temperature range -50°C to +110°C
- Low fire hazard
- Provides EMC screening 49dB@1MHz
- Provides high tensile strength and resistance to abrasion, corrosion and vandals
- Vibration and shock tested to EN61373 Cat 2

IP67

C90

external thread elbow nickel plated brass

Multipart 90° compression fitting including conduit retention clip and elastomeric seal. Can be used with knockouts. Braid is locked between inner and outer compression nuts.

90°elbow

internal and external threaded nickel plated brass elbow

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

sealing washers

fibre face sealing washers

Sealing washer to maintain IP rating of fitting to adjacent equipment.

locknuts

galvanised steel and nickel plated brass locknuts

Hexagonal locknut to secure fitting. EMC locknuts have raised corners to ensure good continuity.

FCC

plated steel P clip with pvc liner, stainless steel P clips

P clip to support conduit.



metric thread part number



metric thread part number



part number



metric thread steel part number



metric thread EMC part number



metric thread brass part number



plated steel part number

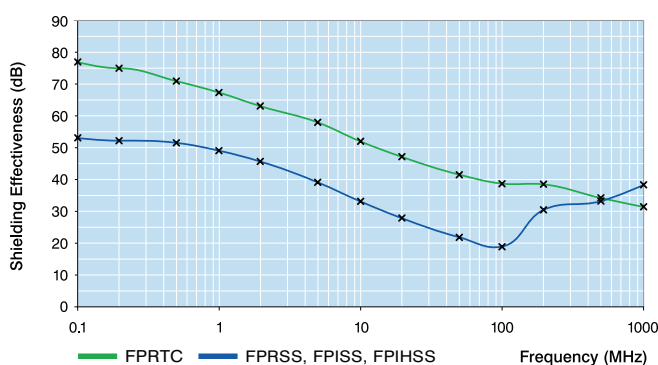


stainless steel part number

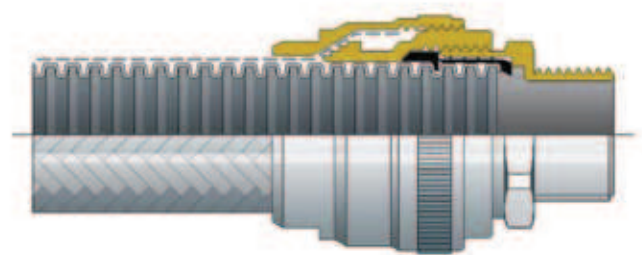
nominal size (mm)

	metric thread part number	metric thread part number	part number	metric thread steel part number	metric thread EMC part number	metric thread brass part number	plated steel part number	stainless steel part number	nominal size (mm)
BC21-M20-C90	BM90-16M	BM90-20M	FW16	S-M16	B-M16	FCC16	FCC16-SS	16	
	BM90-25M	BM90-32M	FW25	S-M25	B-M25	FCC25	FCC25-SS	25	
	BM90-40M	BM90-50M	FW40	S-M40	B-M40	FCC40	FCC40-SS	40	
	BM90-50M		FW50	S-M50	B-M50	FCC50	FCC50-SS*	50	

EMC SCREENING PERFORMANCE



TECHNICAL DRAWING



FTCB Braided sleeving

tinned copper braid system for EMC screening



properties

- EMC Screening 67dB @ 1Mhz for 20mm
- Minimum optical cover 90%
- Can offer mechanical support
- Can offer abrasion resistance

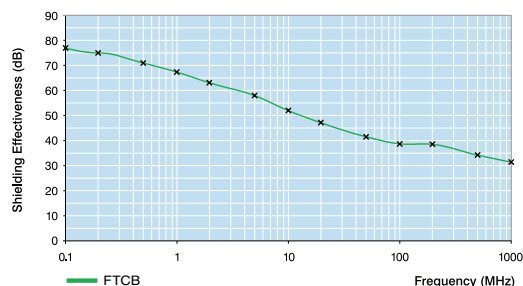
OVERBRAID

FTCB

Construction: Tinned copper braided sleeving. Colour: self colour

Typical Applications: Screening of cables from electromagnetic, electrostatic and RF interference. Can be sleeved over cables before they are drawn into conduits.

FTCB part number	Reel length (m)	Nominal I/D (mm)	Usable ϕ mm min	Usable ϕ mm max	Cross sectional area -mm ²
FTCB3	100	3.0	2.0	3.5	1.06
FTCB4	100	4.0	3.0	5.0	1.49
FTCB5	100	5.0	4.0	6.0	1.91
FTCB6	100	6.0	5.0	7.0	2.23
FTCB10	50	10.0	7.0	12.0	4.43
FTCB12	50	12.5	11.0	13.0	4.83
FTCB15	50	15.0	13.0	18.0	8.29
FTCB20	50	20.0	17.0	23.0	9.65
FTCB25	50	25.0	22.0	28.0	12.54
FTCB30	25	30.0	27.0	36.0	19.30
FTCB35	25	35.0	30.0	50.0	19.30
FTCB50	25	50.0	45.0	65.0	35.63



Note;

- As the diameter increases towards the maximum expansion the sleeving decreases in length.
- Normally supplied on disposable PVC former or can be supplied in flat form on a reel by request
- Temperature performance: -50°C to +300°C

FPA

Construction: Nylon PA66 & Nickel Plated Brass. Colour: Black

Typical Applications: Straight fitting with internal braid clamp assembly for use with braided sleeving inside corrugated conduit.

IP66

IP66

IP67

IP68

IP69K

FPAX

Conduit Size (mm)

FPA part number

21	FPA21-M20-SBCA
28	FPA28-M25-SBCA
34	FPA34-M32-SBCA
42	FPA42-M40-SBCA

FPAX part number

FPAX21-M20-SBCA
FPAX28-M25-SBCA
FPAX34-M32-SBCA
FPAX42-M40-SBCA



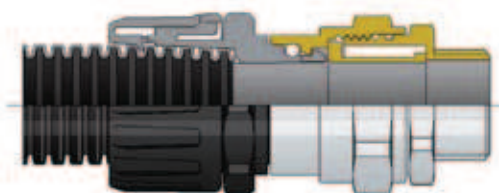
Use with Braid

FTCB10, FTCB12, FTCB15
FTCB15, FTCB20, FTCB25
FTCB20, FTCB25, FTCB30
FTCB25, FTCB30, FTCB35

ORDERING NOTES

- Available on request:
- 90° and 45° elbows
- PG threads

TECHNICAL DRAWING



Cable Gland Fittings NEW

cable strain relief and enhanced IP rating for Flexicon conduits















For applications that require the conduit system to provide strain relief and enhanced IP rating to the cables being mechanically protected eg. rail market or heavy machinery construction sector.

properties

- Combined properties of conduit fitting and cable gland
- Cable strain relief
- Additional IP rating on cable inside conduit*
- Nickel plated brass fittings
- Cable gland properties: IP68 (10bar) + IP69K
- Temperature range
 - 40°C to +100°C for static applications
 - 20°C to +100°C for dynamic applications
- EMC cable gland version on request

CONDUIT

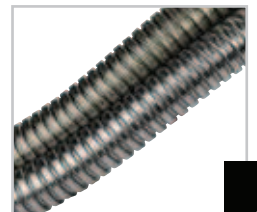
FITTINGS

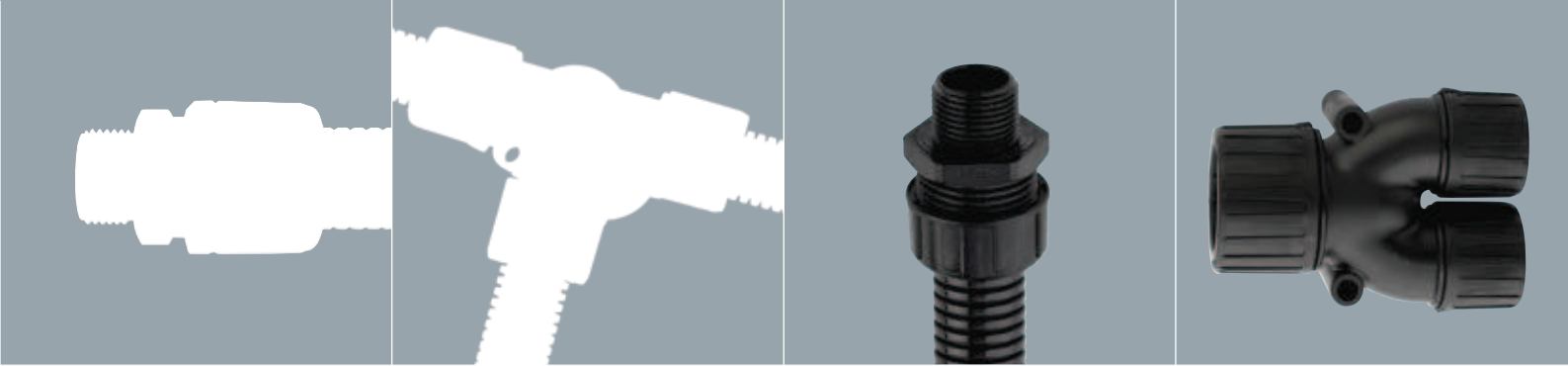
Conduit size (mm)	Part Number	Suitable for the following conduits	Conduit	Fitting	IP rating of conduit system	IP rating of cable gland	Clamping range of cable gland
20	FSU20-M20-CG	FU & SSU			IP40	IP68(10bar)+IP69K	7-13mm
25	FSU25-M25-CG						9-17mm
32	FSU32-M32-CG						11-21mm
20	FSU20-M20-CG	FSU, FNU, LFHU and FPU			IP65	IP68(10bar)+IP69K	7-13mm
25	FSU25-M25-CG						9-17mm
32	FSU32-M32-CG						11-21mm
20	LTP20-M20-CG	LTP, LTPHC, LTPUL, LTPE, LTPSS, LTBRDR, LTBRDLFH and LTPPU			IP66+IP67+IP68(5bar)+IP69K	IP68(10bar)+IP69K	7-13mm
25	LTP25-M25-CG						9-17mm
32	LTP32-M32-CG						11-21mm
20	FSB20-M20-CG	FB & FUSSB			IP40	IP68(10bar)+IP69K	7-13mm
25	FSB25-M25-CG						9-17mm
32	FSB32-M32-CG						11-21mm
20	FSB20-M20-CG	FSB & LFHUBRD			IP65	IP68(10bar)+IP69K	7-13mm
25	FSB25-M25-CG						9-17mm
32	FSB32-M32-CG						11-21mm
20	LTPB20-M20-CG	LTPBRD			IP66+IP67+IP68(5bar)+IP69K	IP68(10bar)+IP69K	7-13mm
25	LTPB25-M25-CG						9-17mm
32	LTPB32-M32-CG						11-21mm
20	LPC20-M20-CG	LPC			IP66+IP67+IP68(5bar)+IP69K	IP68(10bar)+IP69K	7-13mm
25	LPC25-M25-CG						9-17mm
32	LPC32-M32-CG						11-21mm

* IP rating up to IP68(10bar), IP69K dependent on cable used

STANDARDS

BS EN IEC 61386





With over 21 different non metallic conduit systems to choose from we are sure to have a system to meet your application. Systems are available in a wide variety of sizes, ranging from 10mm up to 106mm, manufactured from a range of materials offering different properties.



Key Features

- Wide range of sizes
- Light weight
- Easy to cut
- High fatigue life
- Superior IP ratings - up to IP69K
- Slit versions available
- Non corrosive
- Highly flexible

Key Benefits

- Suitable for a wide range of applications
- Easy to work with for ease of installation
- Reduced installation times
- Reduced whole life costs
- No risk of water or dust ingress
- Suitable for retrofit applications
- Suitable for diverse environments
- Movement without any impact on performance



FMS8347

