



FL system galvanised steel pliable

FLP system galvanised steel pvc coated, pliable



Conduit

FL

Construction: Corrugated galvanised steel with kraft paper lining.

Colour: Zinc self colour.

Typical Applications: Any installation where there is no movement.

- 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

Fittings

C Type

**external thread
nickel plated brass**

Multipart compression fitting including elastomeric compression seal. Can be used for knockout or threaded entries as fitting rotates until tightened. Provides EMC screening.

IP40



Conduit

FLP

Construction: Corrugated galvanised steel with kraft paper lining and smooth pvc outer cover.

Colour: Black

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

- 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

Fittings

C Type

**external thread
nickel plated brass**

Multipart compression fitting including serrated elastomeric seal. Can be used for knockout or threaded entries as fitting rotates until tightened. Provides EMC screening once outer plastic sheath is trimmed from end of conduit (see diagram on page 141).

IP40



nominal size (mm)

FL

part number

reel length (m)

reel length (m)

outside dia (mm)

inside dia (mm)

nominal size (mm)	part number	reel length (m)	reel length (m)	outside dia (mm)	inside dia (mm)
16	FL20	25	19.0	14.6	35
20	FL25	25	25.1	20.4	45
25					
32					
40					
50					

metric thread part number

FL20-M20-C
FL25-M25-C

FLP

part number

reel length (m)

min inside bend radius (mm)

outside dia (mm)

inside dia (mm)

part number	reel length (m)	min inside bend radius (mm)	outside dia (mm)	inside dia (mm)
FLP16B	25	35	17.8	11.6
FLP20B	10,25,50	35	20.9	14.6
FLP25B	10,25,50	45	27.3	20.4
FLP32B	10,25	55	34.0	26.7
FLP40B*	10,25	80	44.5	37.1
FLP50B*	10,25	150	50.5	49.1

metric thread part number

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

Standards

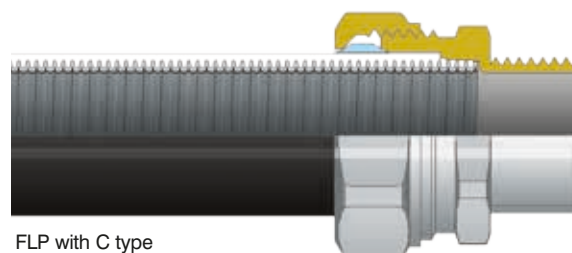


BS EN IEC 61386



Note: refer to conduit properties for applicable standards

Technical Drawing



Flexicon Ultrascreen™

LFHP system
galvanised steel
extra LFH coated, pliable



Conduit

EN 45545-2

HFPA 130

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) + IP69
- 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
- Compliant to LUL Std S1085 (Cert No.297)
- NCAGE No. U5256
- EN 45545-2 to HL3 and NFPA 130 compliant

Fittings

C-HS

external thread
brass - high specification

Multipart compression fitting including serrated elastomeric seal. Can be used for knockout or threaded entries as fitting rotates until tightened. Provides EMC screening once outer plastic sheath is trimmed from end of conduit (see diagram on page 141).

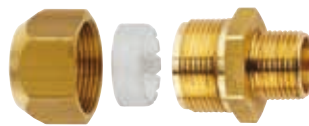
IP66 IP67 IP68 IP69

F-HS

internal thread
brass - high specification

Multipart compression fitting including serrated elastomeric seal. Provides EMC screening once outer plastic sheath is trimmed from end of conduit (see diagram on page 141).

IP66 IP67 IP68 IP69



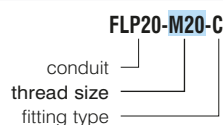
nominal size (mm)	LFHP	part number	reel length (m)	min inside bend radius (mm)	outside dia (mm)	inside dia (mm)
16		LFHP16B	25	40	17.8	11.6
20		LFHP20B	25	40	20.9	14.6
25		LFHP25B	25	55	27.3	20.4
32		LFHP32B	25	65	34.0	26.7
40						
50						

metric thread part number	metric thread part number
FLP16-M16-C-HS*	FLP16-M16-F-HS*
FLP20-M20-C-HS*	FLP20-M20-F-HS*
FLP25-M25-C-HS*	FLP25-M25-F-HS*
FLP32-M32-C-HS*	FLP32-M32-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



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

EMC Screening Performance

