



# 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.



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nominal size (mm)	LFHU			FPU			M		S		P			
	part number	reel length (m)		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
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

