

LPC-HG system Hygienic Range







IP69



Conduit



Construction: Smooth bore, smooth cover, helically formed PVC, flexible conduit with spiral uPVC reinforcement and flexible PVC jacket.

Colour: White.

Typical Applications: Suitable for repeat contact with all food types, excluding fatty foods, at full temperature.

The flexible PVC is manufactured from FDA approved ingredients and has been independently tested to European Food regulation

LPC-BUF

Construction: Smooth bore. smooth cover, helically formed PVC, flexible conduit with spiral uPVC reinforcement and flexible PVC jacket.

Colour: Blue.

Typical Applications: Suitable for repeat contact with all food types, excluding fatty foods, at full temperature.

The flexible PVC is manufactured from FDA approved ingredients and has been independently tested to European Food regulation 10/2011.

LPC-GFG

Construction: Smooth bore, smooth cover, helically formed PVC, flexible conduit with spiral uPVC reinforcement and flexible PVC jacket.

Colour: Grey.

Typical Applications: Suitable for repeat contact with all food types, excluding fatty foods, at full temperature.

The flexible PVC is manufactured from FDA approved ingredients and has been independently tested to European Food regulation 10/2011.

Fittings

FCC-SS

stainless steel (316L) P clips

P clip to support conduit.



nominal size (mm)	LPC-WFG	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	LPC-BUFG	partnumber	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	LPC-GFG	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)	part number
12																			
16	LPCWF	G16	30	17.8	12.6	50	LPCBUF	G16	30	17.8	12.6	50	LPCGF	G16	30	17.8	12.6	50	FCC16-SS
16																			FCC16-SS
20	LPCWF	G20	10, 30	21.1	16.0	70	LPCBUF	G20	10, 30	21.1	16.0	70	LPCGF	G20	10, 30	21.1	16.0	70	FCC20-SS
25	LPCWF	G25	10, 30	26.4	21.0	90	LPCBUF	G25	10, 30	26.4	21.0	90	LPCGF	G25	10, 30	26.4	21.0	90	FCC25-SS
32	LPCWF	G32	10, 30	33.1	26.5	140	LPCBUF	G32	10, 30	33.1	26.5	140	LPCGF	G32	10, 30	33.1	26.5	140	FCC32-SS
40	LPCWF	G40	10, 30	41.8	35.4	190	LPCBUF	G40	10, 30	41.8	35.4	190	LPCGF	G40	10, 30	41.8	35.4	190	FCC40-SS
50	LPCWF	G50	10, 30	47.9	40.0	240	LPCBUF	G50	10, 30	47.9	40.0	240	LPCGF	G50	10, 30	47.9	40.0	240	FCC50-SS
63	LPCWF	G63	10, 30	59.7	51.3	270	LPCBUF	G63	10, 30	59.7	51.3	270	LPCGF	G63	10, 30	59.7	51.3	270	FCC63-SS*

Ordering Notes

- * Indicates parts made to order on request and may be subject to MOQ and lead time
- Available on request:
- additional sizes
- alternative threads

Accessories



- Smooth, wipe clean surface
- · Accepts some torsional movement
- IP rating:

IP66, IP67, IP68 (2 bar) + IP69

 Temperature range -20°C to +90°C

- · C-FG fitting designed in accordance with EN1672-2 and EN ISO 14159
- · C-FG fitting manufactured from stainless steel grade 316L
- Compatible with Hygienic Round Box - see page 126



Conduit & Fittings

C-FG



NEW

LOCKNUTS

I-PACK

external thread stainless steel food

Multipart compression fitting designed using principles given in EN1672-2 and EN ISO 14159. Manufactured from 316L stainless steel, complete with polyester elastomer compression seals to prevent ingress of food or bacteria. Can be used for knockout or threaded entries as fitting rotates until tightend.

ST fittings are designed for use with Round Boxes on page 126. They have a shorter thread to maximise space within the box or enclosure.









stainless steel (316L) locknuts

Hexagonal locknut to

This new range of LPC-FG conduits offers a smooth, easy to clean surface making it ideal for food & beverage, machinery & OEMS, Healthcare and Pharmaceutical applications. Featuring a smooth inner bore, the LPC-FG makes it easy to run cables through the conduit, simplifying installation. The I-Pack consists of 3 metres of conduit, 2 Hygienic fittings and 2 Stainless Steel Locknuts.

- Hygienic design
- Smooth finish
- · High IP rating
- · Simplistic ordering one part number · Easy Storage - short length coiled for space saving
- Ready to use all components to create a system

20mm I-PACK



resistance

· Corrosion resistant

· High chemical & thermal







I-PACKBUFG20 3m x LPCBUFG20 Conduit

2x LPC-C-FG Fittings 2x SS-M20 Locknuts

3m x LPCWFG20 Conduit 2x LPC-C-FG Fittings 2x SS-M20 Locknuts

I-PACKWFG20

25mm I-PACK

I-PACKBUFG25

3m x LPCBUFG25 Conduit 2x LPC-C-FG Fittings 2x SS-M25 Locknuts



I-PACKWFG25

3m x LPCWFG25 Conduit 2x LPC-C-FG Fittings 2x SS-M25 Locknuts



part number

·	
	12
	16
	16
I-PACKWFG20	20
I-PACKWFG25	25
	32
	40
	50
	63

LPC16-M16-C-FG

LPC20-M20-C-FG

LPC25-M25-C-FG

LPC32-M32-C-FG

LPC40-M40-C-FG

LPC50-M50-C-FG

LPC63-M63-C-FG*

LPC20-M20ST-C-FG

SS-M16

SS-M20

SS-M20

SS-M25

SS-M32

SS-M40

SS-M50

part number

I-PACKBUFG20

I-PACKBUFG25



Standards



BS EN IEC 61386



EN 1672-2

EN ISO 14159



Technical Drawing

