

uPVC Corrugated Conduit & Fittings

LITAFLEX is the first manufacturer to introduce Corrugated Conduit in Singapore. Excellent Thermoplastics material specially formulated to meet the requirement of IEC 61386-22 : 2002

The unique design of corrugated construction provides and offers considerable flexibility for laying long runs of cables buried under the concrete without excessive joints. It is extremely suitable for surface installation and lighting fixtures, where cables are run from concrete ceiling down to false ceiling.

In today's worldwide advance telecommunication industries, LITAFLEX Corrugated Conduit can be extruded with a Pre-installed pulling tape made of Nylon meant for the drawing of Cables. It is widely used as a Sub-Duct for the protection of Optical-fiber Cables.

LITAFLEX also supplies a wide range of fittings and accessories to complement its Corrugated Conduits and hence provide a continuity installation.

- Flame Retardant
- Medium Duty

PVC CORRUGATED CONDUITS				
Product No.	Diameter		Standard	Packing
	Outer	Inner		
FC 16PVC	16mm	11.0mm	50M	5
FC 20PVC	20mm	14.6mm	50M	5
FC 25PVC	25mm	19.0mm	50M	5
FC 32PVC	32mm	24.8mm	25M	5
FC 40PVC	40mm	32.0mm	25M	3
FC 50PVC	50mm	41.2mm	25M	3

COLOUR : BLACK, WHITE, GREY, ORANGE

PRODUCT FEATURES

- > **Flame Retardant - Self-extinguishing in event of fire**
- > **Temperature Resistance - From -5°C to 60°C**
- > **Excellent resistance to most acids and chemicals**
- > **Has compression strength**
- > **Available in long length, thus reducing the number of connections**
- > **Lightweight, flexible and easy to install**
- > **Can simply be cut by knife or cutter**
- > **Do not kink**

POLYPROPYLENE CORRUGATED SUB-DUCT (Complete with pre-installed Nylon Pulling Cord)				
Product No.	Diameter		Standard	Packing
	Outer	Inner		
FC 32SD	32mm	24.8mm	500M	2
FC 40SD	40mm	32mm	500M	2

COLOUR : BLACK



Corrugated/Plain Connector

Product No.	Size	Packing
FCF 20CP	20mm	100
FCF 25CP	25mm	100

Corrugated Angle Adaptor

Product No.	Size	Packing
FCF 20AA	20mm	100
FCF 25AA	25mm	100

Corrugated Gland

Product No.	Size	Packing
FCF 16CG	16mm	100
FCF 20CG	20mm	100
FCF 25CG	25mm	100
FCF 32CG	32mm	50

Corrugated Adaptor

Product No.	Size	Packing
FCF 20CA	20mm	100
FCF 25CA	25mm	100
FCF 32CA	32mm	20
FCF 40CA	40mm	20

Corrugated Connector

Product No.	Size	Packing
FCF 20CC	20mm	100
FCF 25CC	25mm	100

Physical Properties of LITAFLEX Conduit Material		
	Unit	Thermoplastics
Density	g/ cm ³	0.9
Yield Strength	kg/ cm ²	280
Ultimate Strength	kg/ cm ²	400
Ultimate Elongation	%	800
Flexural Modulus	kg/ cm ²	12000

Physical Properties of LITAFLEX Conduit Material		
	Unit	Thermoplastics
Notched (-20°C)	Kg-cm/cm	5
Rockwell Hardness	R scale	86
HDT (46kgf/cm ²)	°C	112
Shrinkage MD/TD	1/1000	15/14
Water Absorption	-	negligible

