

# uPVC Trunking and Conduit

for Electrical Wiring and Air Con Piping Insulation

# WHY LITAFLEX

## *Quality with Integrity at every step*

Established since 1988, LITAFLEX PLASTICS Mfg has grown to be one of the region's leading PVC Extruders. LITAFLEX primarily engaged in the manufacturing of a wide variety of uPVC Trunking and Conduit Pipe for the laying of electrical cables and air-con piping insulation.

As a brand, **LITAFLEX** enjoys clear distinction in many ways:

### Customer Focus

We place our clients at the heart of our business. We deliver a positive brand experience at every touchpoint through a synergy of professionalism and proficiency.

### Innovation and Continuous Improvement

Along with the growing market in Singapore and the region, LITAFLEX have also been constantly working towards continuous improvement. Being an innovative and a dedicated manufacturer, LITAFLEX regularly upgrade its manufacturing facility with the latest extruders and other ancillary equipment to increase its manufacturing efficiency, improve its quality consistency, and offer a wider range of products to its customers.

Our recent backward integration into our own in-house compounding and mixing of raw material has also taken LITAFLEX to the next level where quality control, cost efficiency, and thus competitive pricing is achieved.



## Quality Assurance And Reliability

Trust LITAFLEX's uncompromising attitude with respect to quality. Being awarded the ISO 9001: 2008 Certification and the Product Listing Scheme Certification, LITAFLEX have well defined and stringent quality assurance systems where all employees from top to bottom are responsible for quality & services. Over the years, quality assurance has always been LITAFLEX's strongest selling point, which no doubt, allowed LITAFLEX to stay ahead of the tough competition, as well as significantly increased its worldwide recognition.



## Robust Infrastructure and Prompt Delivery

Our cutting-edge production facilities and spacious warehousing in Singapore and Malaysia measuring more than 10,000 square meters is equipped with more than 20 lines of the latest Extruders, Palletizers and Mixers from Europe and Taiwan.

LITAFLEX's consolidated structure also reduces the lead time needed from order to delivery. Coupled with a fleet of delivery trucks, LITAFLEX possesses sufficient capacity and storage to ensure timely and efficient delivery even at a very short notice.





# uPVC SINGLE-COMPARTMENT TRUNKING

Singapore Standard SS 275 : 1999

LITAFLEX uPVC Cable Trunking are manufactured from a specially formulated high impact Polyvinyl Chloride in strict accordance to comply with the Singapore Standard SS275 : 1999.

Ideal for laying long runs of Electrical Cable, CATV and ELV Cables along the walls and across ceilings, the Single-Compartment Trunking from LITAFLEX is a standout product. The ingenious 'Snap-on' design, together with a refined, smooth and compact finish, indeed protects the cables from being damaged or getting soiled. The innovative design also facilitates easy and hassle-free installation.

LITAFLEX has built up an enviable reputation through the years and has faithfully delivered its promises of superior quality. This, no doubt, explains the widespread popularity of LITAFLEX products, which are specified for use in almost every contract in Private Condominiums, HDB Public Housing, Commercial and Industrial Buildings.

## PRODUCT FEATURES

- Non-brittle, high-impact strength trunking owing to premium PVC formulation
- Fire retardant capability
- Refined, smooth and compact
- Quick and easy installation
- Tight and secured locking
- Optimized cable capacity

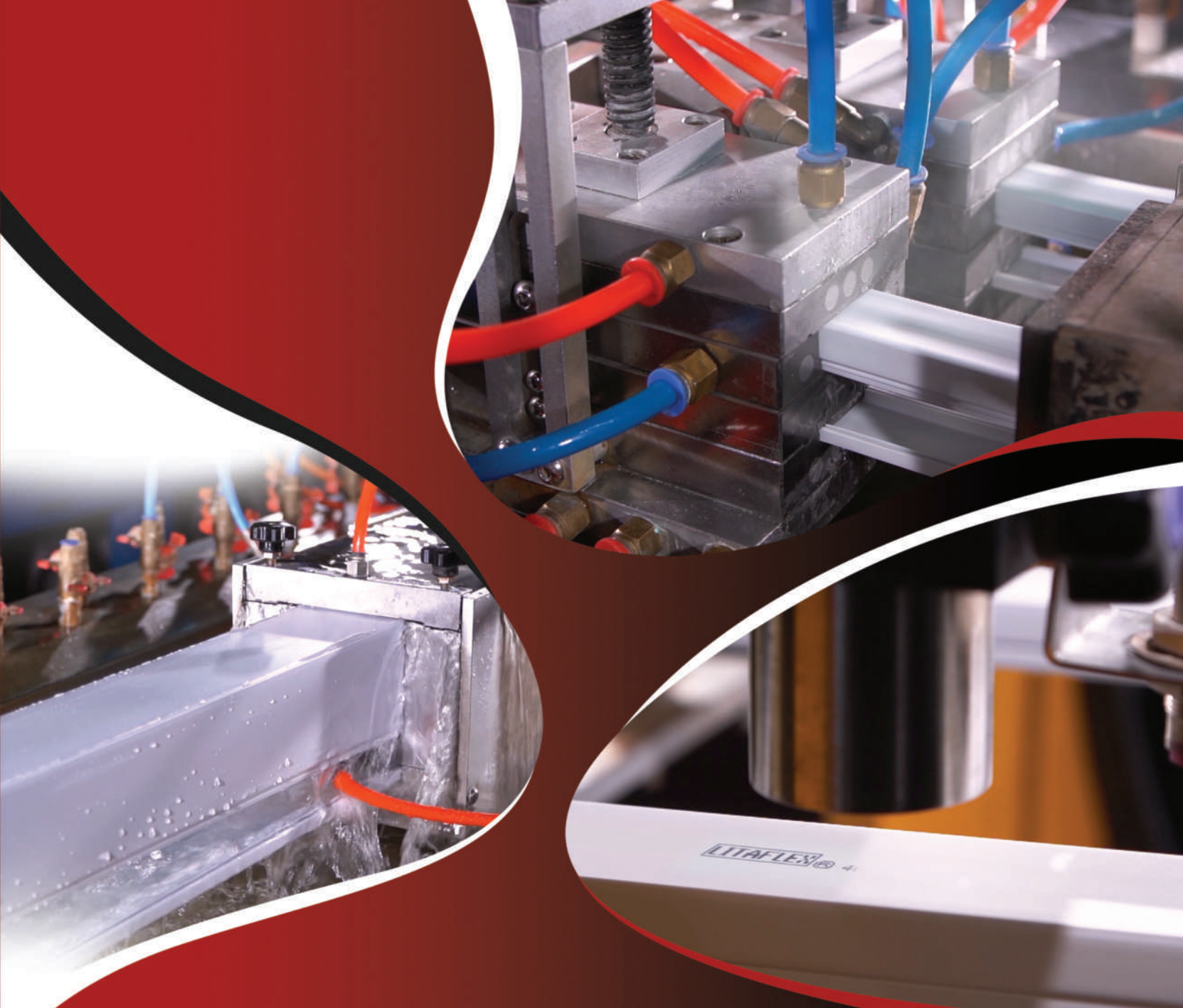


## SINGLE-COMPARTMENT TRUNKING



Product No.	External Dimension Width x Height	Standard Pack	
		Local	Export
TK 016010	16mm x 10mm	50	100
TK 016016	16mm x 16mm	50	50
TK 020010	20mm x 10mm	50	100
TK 020013	20mm x 13mm	50	100
TK 024013	24mm x 13mm	50	100
TK 025013	25mm x 13mm	50	50
TK 025016	25mm x 16mm	50	50
TK 025025	25mm x 25mm	50	50
TK 032013	32mm x 13mm	50	50
TK 032016	32mm x 16mm	50	50
TK 032018	32mm x 18mm	50	50
TK 038016	38mm x 16mm	20	40
TK 038025	38mm x 25mm	20	40
TK 040013	40mm x 13mm	20	50
TK 040020	40mm x 20mm	20	40
TK 040025	40mm x 25mm	20	40
TK 040040	40mm x 40mm	10	20
TK 050032	50mm x 32mm	10	20
TK 050040	50mm x 40mm	10	20
TK 050050	50mm x 50mm	10	20
TK 075050	75mm x 50mm	10	10
TK 075060	75mm x 60mm	10	10
TK 075080	75mm x 80mm	4	10
TK 085065	85mm x 65mm	4	8
TK 105065	105mm x 65mm	4	8
TK 100050	100mm x 50mm	5	10
TK 100060	100mm x 60mm	5	10
TK 100080	100mm x 80mm	4	8
TK 100100	100mm x 100mm	2	6
TK 125055	125mm x 55mm	5	10
TK 125100	125mm x 100mm	2	6
TK 150080	150mm x 80mm	2	6
TK 150100	150mm x 100mm	2	6
TK 200060	200mm x 60mm	2	2
TK 200100	200mm x 100mm	2	2

Standard Length : 2M / 2.44M  
 Colour : White



### Specification for Cable Trunking made of Insulating Material

Clause	Test Required
<b><u>Mechanical Properties</u></b>	
Cable Supporting Test for surface mounting	
Temperature	60 ± 2°C
Duration	2 hr
Distortion (Max)	10%
<b><u>Impact Test</u></b>	
Precondition	60 ± 2°C
Duration	240 hr
Test Temperature	15°C
Mass of Hammer	2 kg
Height of Impact	100 mm
<b><u>Cover Retention Test</u></b>	
Mass attached to Cover	2 kg
Duration of Test	60 sec

Clause	Test Required
<b><u>Resistant to Heat</u></b>	
Testing Temperature	60 ± 2°C
Applied force of Ball Pressure	20 N
Duration of Test	1 hr
Diameter of impression	< 2 mm
<b><u>Resistance to Flame Propagation</u></b>	
Flame Test	Does not ignite or flames. Self extinguished within 30s after removal of flame.
<b><u>Insulating Characteristics</u></b>	
Electric Insulating Strength Test	
Applied Voltage	2500 V
Duration of Electrification	1 min
<b><u>Insulation Resistance test</u></b>	
Applied Voltage	500 V
Duration of Electrification	1 min



# uPVC MULTI-COMPARTMENT TRUNKING

The Multi-Compartment Trunking is the ideal solution to segregate power, data and voice cables, specifically to ensure safety and convenience during installation. The larger compartment is capable of carrying numerous Electrical Power Cables while the smaller compartment is suited for Telephone and CATV Cables. This product is ideally suited for electrical rewiring work in HBD projects..

A Bridging Retaining Clip ensures quick and easy installation. These inserted clips into the pre-punched slots at the corner of the trunking base, together with the removable 'snap-on' cover lid, result in a very tidy and compact installation.

Singapore Standard SS 275 : 1999

## MULTI-COMPARTMENT TRUNKING



Product No.	No. of Compartments	External Dimension Width x Height	Standard Pack	
			Local	Export
TM 040020	2	40mm x 20mm	20	40
TM 060020	2	60mm x 20mm	20	40
TM 080020	3	80mm x 20mm	10	10
TM 080032	2	80mm x 32mm	10	10
TM 100040	3	100mm x 40mm	10	10

Standard Length : 2M  
Colour : White



# uPVC CARPET TRUNKING

It is specially designed to protect cables and cords from exposed damages while running along the surface floor. The superior quality of its material and structure promotes excellent mechanical strength while ensuring the convenience and safety of public. For instance, the feasibly and intelligently-curved contour design facilitates the pushing of trolleys across the running cables on the surface and eliminates walking obstacles caused by running cables.

## CARPET TRUNKING



Product No.	External Dimension Width x Height	Standard Pack	
		Local	Export
TC 025010	25mm x 10mm	10	10
TC 035010	35mm x 10mm	10	10
TC 048014	48mm x 14mm	10	10
TC 050012	50mm x 12mm	10	10
TC 065016	65mm x 16mm	10	10
TC 080018	80mm x 18mm	10	10
TC 100025	100mm x 25mm	10	10

Standard Length : 2M  
Colour : White





# uPVC AIR CON TRUNKING

Created to conceal the knotty pipework in air conditioning systems, LITAFLEX AIR CON TRUNKING breaks through the clutter with its precise and smooth appearance. It is ideally suited for both internal and external applications and will seamlessly blend in with diverse environments. Made of high weather resistant material, it has a lasting graceful appearance.

Manufactured from an extra high impact grade of uPVC, LITAFLEX AIR CON TRUNKING is fire resistance rated and complies with the Singapore Standard SS 275: 1999.

To facilitate distribution from the outdoor Air Con Condensing Unit to the Fan Coil Unit mounted on the wall of the living room, LITAFLEX has intelligently design this non-corrosive Trunking system to secure Electrical Cables, Insulation Tubes containing Copper Tubes and uPVC Drain Pipes.

LITAFLEX's latest new design on the base and 'snap-on' lids provide a stronger grip, easy installation and also negates the need for maintenance. The unique characteristics of its clean and smooth curvy edges, strength and durability allow it to be used even on rough wall surfaces and ceilings.



Singapore Standard SS 275 : 1999

## uPVC AIR CON TRUNKING

Product No.	External Dimension Width x Height	Standard Pack	
		Local	Export
TK 040025	40mm x 25mm	10	20
TK 040040	40mm x 40mm	10	10
TK 050032	50mm x 32mm	10	20
TK 050040	50mm x 40mm	10	20
TK 050050	50mm x 50mm	10	20
TK 075050	75mm x 50mm	5	10
TK 075060	75mm x 60mm	5	10
TK 075080	75mm x 80mm	4	10
TK 085065	85mm x 65mm	4	8
TK 105065	105mm x 65mm	4	8
TK 100050	100mm x 50mm	5	10
TK 100060	100mm x 60mm	5	10
TK 100080	100mm x 80mm	4	8
TK 100100	100mm x 100mm	2	6
TK 125055	125mm x 55mm	5	10
TK 125100	125mm x 100mm	2	6
TK 150080	150mm x 80mm	2	6
TK 150100	150mm x 100mm	2	6
TK 200060	200mm x 60mm	2	2
TK 200100	200mm x 100mm	2	2

Standard Length : 2.44M  
Colour : White

## Installation Capacity of Multi Split Unit Air Con System



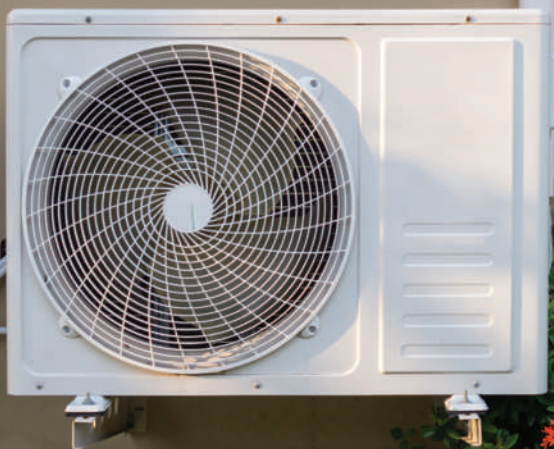
1 Condensing Unit to 1 Fan Coil

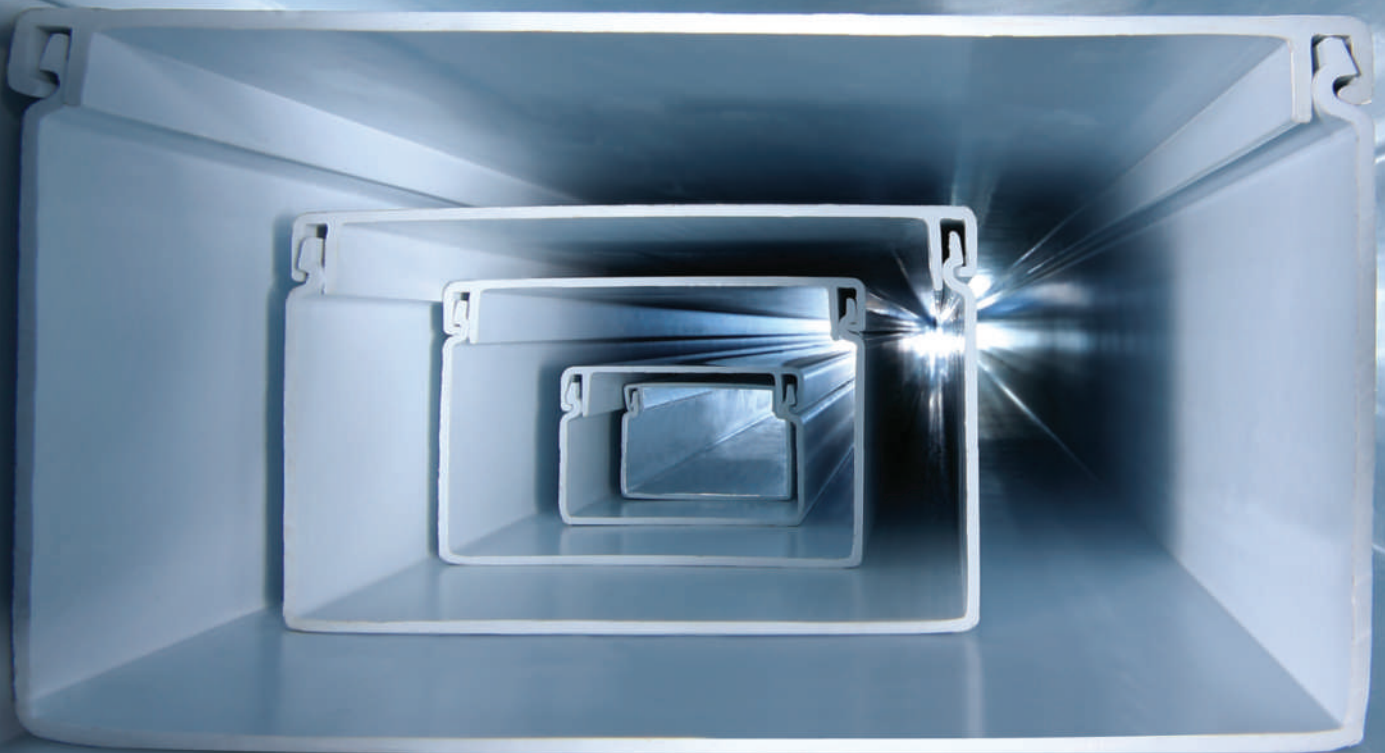


Insulated Drain Pipe



1 Condensing Unit to 2 Fan Coil





Specification for Cable and Air-Conditioning Trunking made of Insulating Material

Clause	Test Required
<b><u>Mechanical Properties</u></b>	
Cable Supporting Test for surface mounting	
Temperature	60 ± 2°C
Duration	2 hr
Distortion (Max)	10%
<b><u>Impact Test</u></b>	
Precondition	60 ± 2°C
Duration	240 hr
Test Temperature	15°C
Mass of Hammer	2 kg
Height of Impact	100 mm
<b><u>Cover Retention Test</u></b>	
Mass attached to Cover	2 kg
Duration of Test	60 sec

Clause	Test Required
<b><u>Resistant to Heat</u></b>	
Testing Temperature	60 ± 2°C
Applied force of Ball Pressure	20 N
Duration of Test	1 hr
Diameter of impression	< 2 mm
<b><u>Resistance to Flame Propagation</u></b>	
Flame Test	Does not ignite or flames. Self extinguished within 30s after removal of flame.
<b><u>Insulating Characteristics</u></b>	
<b>Electric Insulating Strength Test</b>	
Applied Voltage	2500 V
Duration of Electrification	1 min
<b><u>Insulation Resistance test</u></b>	
Applied Voltage	500 V
Duration of Electrification	1 min



# uPVC CONDUIT PIPE

Suitable for Surface / Outdoor Installation and Embedding in Concrete

LITAFLEX uPVC Conduit Pipes and uPVC Conduit Fittings are produced from a specially formulated compound, Polyvinyl Chloride. They are manufactured to comply with the British Standard BS EN 61386-21: 2004/A11: 2010.

Being widely used for surface installation, and also particularly for wiring systems embedded in concrete slabs, LITAFLEX explored several creative concepts and solutions to manufacture Conduits and a wide range of Fittings & Accessories that are tough enough to provide excellent protection of Electrical Cable Wiring Systems even under arduous conditions.

## PRODUCT FEATURES

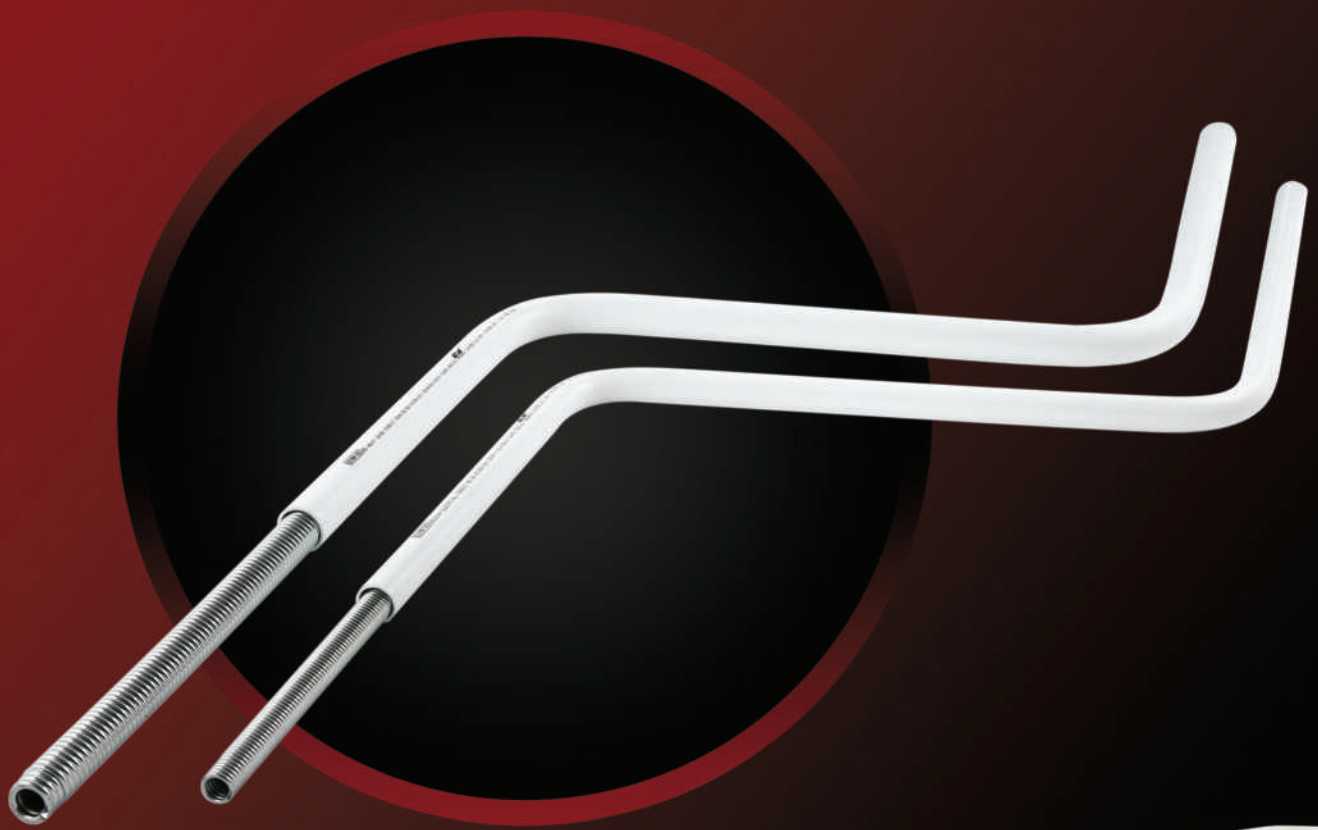
- **Quick installation & cold bending**  
Can be easily cold bended into a 90° angle with the aid of a bending spring without losing shape or dimensional integrity
- **High tensile & impact strength**  
Robust and rugged, it is a highly durable product that is immune to cracking or chaffing
- **Cost competitive**  
Supported by an excellent Price/Performance ratio, LITAFLEX Conduit Pipes symbolize best value for money in the market
- **Smooth internal surface**  
This feature ensures speedy and hassle-free installation, as wires can be pulled in smoothly
- **Lightweight and compact**  
Makes it an easy, simple job for site workers
- **Resistant to chemicals & corrosion**  
Can be effectively used in harsh industrial environments and marine climate
- **Superior fire resistance**  
uPVC is a non-conductive material, producing a fully insulated system

### British Standard BS EN 61386-21: 2004/A11: 2010

uPVC CONDUIT PIPE					
Nominal Size		Wall Thickness		Packing	
Product No.	Outer Dimension	Medium Gauge	Heavy Gauge	Local	Export
CP 20	20mm	1.6	1.8	20	50
CP 25	25mm	1.7	1.9	20	40
CP 32	32mm	2.0	2.2	10	10
CP 40	40mm	2.2	2.5	10	10
CP 50	50mm	2.5	2.8	5	5

Classification	: Medium Gauge Class 332112 : Heavy Gauge Class 442112
Standard Length	: 2.9M
Wall Thickness Tolerance	: ± 0.1mm
Colour	: White/ Black





# uPVC BELL END CONDUIT

Suitable for Embedding in Concrete

Keeping up with our spirit of innovation, we have introduced the uPVC Bell End Conduit. Indeed, LITAFLEX prides on being the first manufacturer of this product in the region.

The uPVC Bell End Conduit is currently widely used and acceptable in Public Housing and Private Projects, a sector which has come under pressure over cost-cutting and productivity. Use of LITAFLEX uPVC Bell End Conduit in building projects will enable Contractors to optimize cost while improving operational efficacy.

British Standard BS EN 61386-21: 2004/A11: 2010

uPVC BELL END CONDUIT					
Nominal Size		Wall Thickness		Packing	
Product No.	Outer Dimension	Medium Gauge	Heavy Gauge	Local	Export
PLCP 20	20mm	1.6	1.8	20	50
PLCP 25	25mm	1.7	1.9	20	40
PLCP 32	32mm	2.0	2.2	10	10
PLCP 40	40mm	2.2	2.5	10	10
PLCP 50	50mm	2.5	2.8	5	5

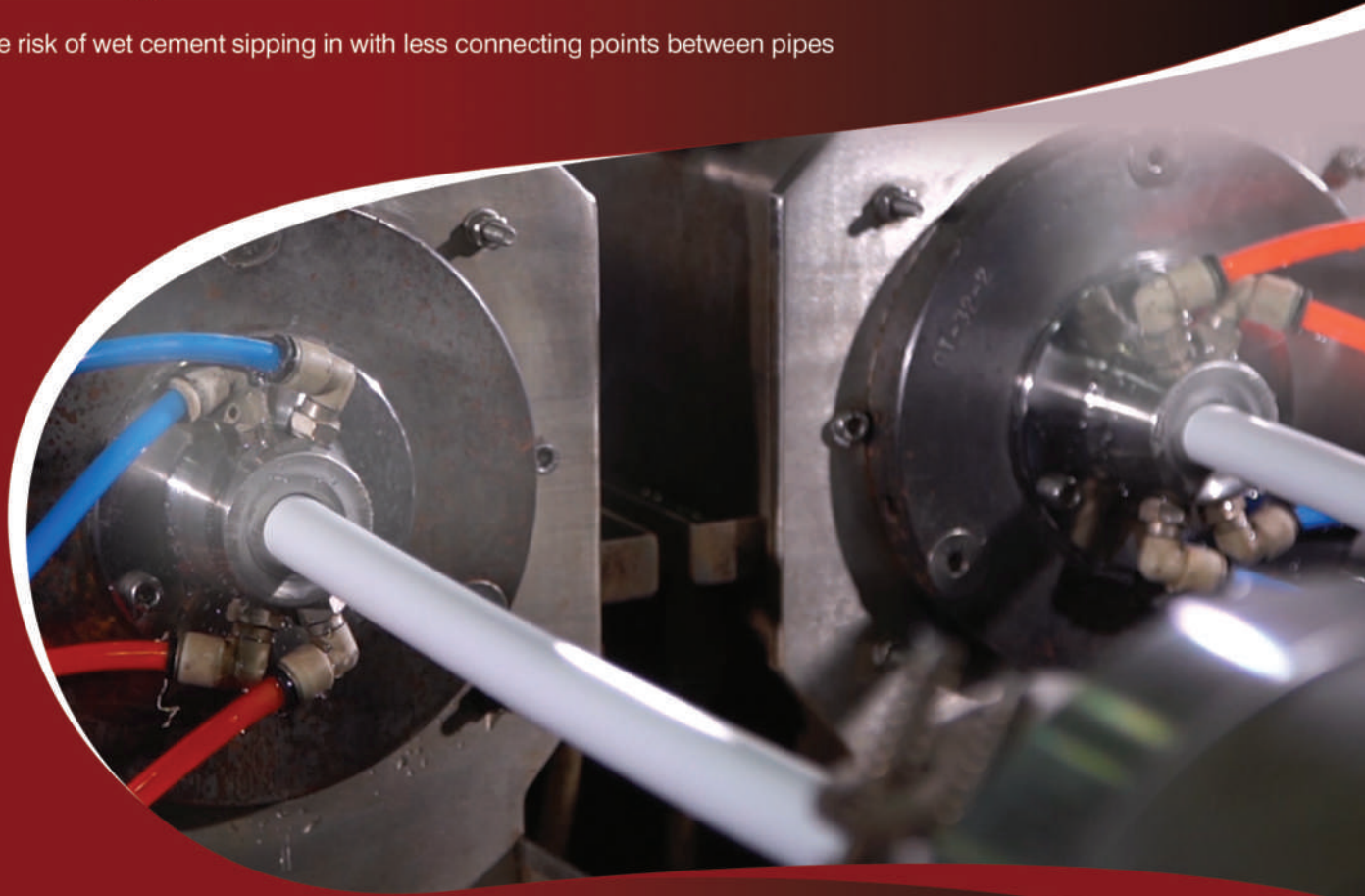
  

Classification	: Medium Gauge Class 332112 : Heavy Gauge Class 442112
Standard Length	: 2.9M
Wall Thickness Tolerance	: $\pm 0.1$ mm
Colour	: White/ Black



## LITAFLEX uPVC Bell End Conduit has proven to achieve:

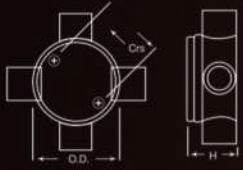
- Significant savings of up to 70% of sockets per project
- 50% reduction in cost of labour and solvent cement used
- Increase in workers' productivity as the uPVC Bell End Conduit can be directly connected to another pipe without the need of a Socket
- Reduce the risk of wet cement sipping in with less connecting points between pipes





# uPVC CONDUIT PIPE FITTINGS

## CIRCULAR BOX



Series	O.D	CRS	H
CPC 20/25	65mm	50.8mm	32mm

Product No.	Size	Packing
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### End Box (1 way)



CPC 201	20mm	100
CPC 251	25mm	100
CPC 321	32mm	100

### Thru Box (2 way)



CPC 202	20mm	100
CPC 252	25mm	100
CPC 322	32mm	100

### Angle Box (2 way)



CPC 20A	20mm	100
CPC 25A	25mm	100
CPC 32A	32mm	100

### Tee Box (3 way)



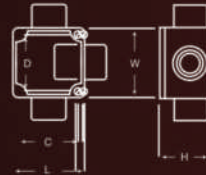
CPC 203	20mm	100
CPC 253	25mm	100
CPC 323	32mm	100

### Cross Box (4 way)



CPC 204	20mm	100
CPC 254	25mm	100
CPC 324	32mm	100

## SQUARE JUNCTION BOX



Dimension	L	W	H	D	C
	81	81	55.5	67	67

Product No.	Size	Packing
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### End Box



CPS 401	40mm	10
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### Thru Box (2 way)



CPS 402	40mm	10
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### Angle Box (2 way)



CPS 40A	40mm	10
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### Tee Box (3 way)

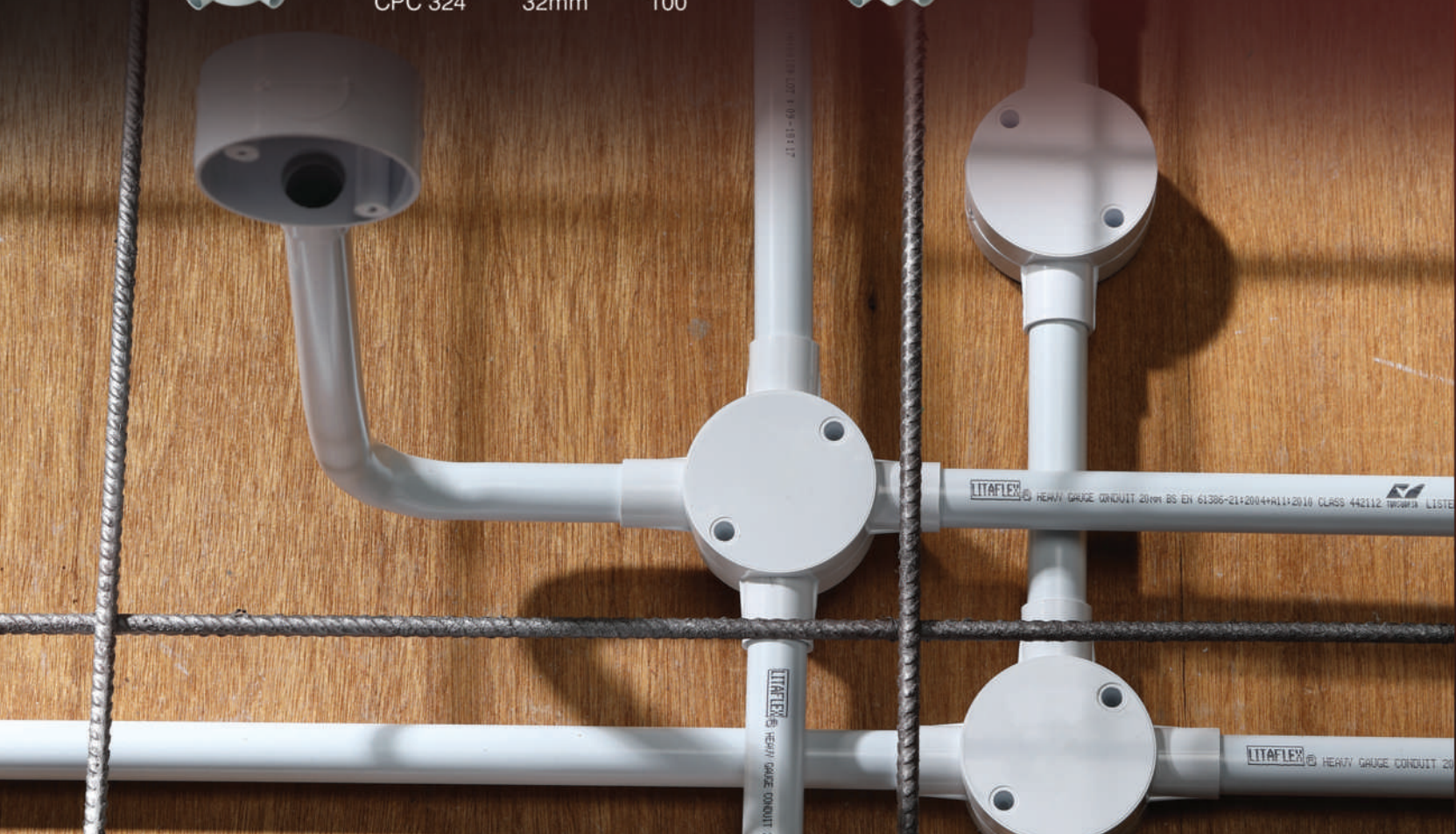


CPS 403	40mm	10
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### Cross Box (4 way)



CPS 404	40mm	10
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## ACCESSORIES

	Product No.	Size	Packing
<b>Extension Ring</b>			
	CPS 50ER	50mm	100
<b>Female Adapter</b>			
	CPC 20FA	20mm	1000
	CPC 25FA	25mm	500
	CPC 32FA	32mm	100
<b>Socket</b>			
	CPC 20SK	20mm	1000
	CPC 25SK	25mm	500
	CPC 32SK	32mm	100
	CPC 40SK	40mm	20
	CPC 50SK	50mm	20
<b>90° Bend</b>			
	CPC 20B	20mm	1000
<b>90° Long Bend</b>			
	CPC 32B	32mm	100
	CPC 40B	40mm	62
	CPC 50B	50mm	32
<b>Straight Tee</b>			
	CPC 20ST	20mm	1000
<b>Inspection Bend</b>			
	CPC 20IB	20mm	100
	CPC 25IB	25mm	100
	CPC 32IB	32mm	100
<b>Inspection Tee</b>			
	CPC 20IT	20mm	100
	CPC 25IT	25mm	100
	CPC 32IT	32mm	100
<b>Bar Saddle</b>			
	CPC 20BS	20mm	100
	CPC 25BS	25mm	100
	CPC 32BS	32mm	100
<b>Public Lighting Joint</b>			
	CPC PL	40 / 20	1000

	Product No.	Size	Packing	
<b>Circular Lid (Screw)</b>				
	CPC CL	-	1000	
<b>Circular Lid (Clip)</b>				
	CPC CLC	-	1000	
<b>Dome Cover</b>				
	CPC 20DC	20mm	1000	
	CPC 25DC	25mm	1000	
<b>Bending Spring</b>				
	BC 20BNS	20	100	
	BC 25BNS	25	100	
	BC 32BNS	32	100	
	Product No.	Size	Depth	Packing
<b>K.O Box (1 gang)</b>				
	CPS KO1	1 gang	38mm	100
<b>K.O Box (2 gang)</b>				
	CPS KO2	2 gang	38mm	100
<b>Surface Mounting Box (1 gang)</b>				
	CPS SM1	1 gang	28mm	100
<b>Surface Mounting Box (2 gang)</b>				
	CPS SM2	2 gang	28mm	100
<b>Partition Box (1 gang)</b>				
	CPS PB1G	1 gang	34mm	100
<b>Partition Box (2 gang)</b>				
	CPS PB2G	2 gang	34mm	100



# uPVC CORRUGATED CONDUIT & FITTINGS

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

The Corrugated Conduit from LITAFLEX is an iconic product, epitomizing innovation and excellence. 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, especially running cables from concrete ceiling down to false ceiling, generally for lighting fixtures.

In today's evolving telecommunication industry where technology is rapidly changing, 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.

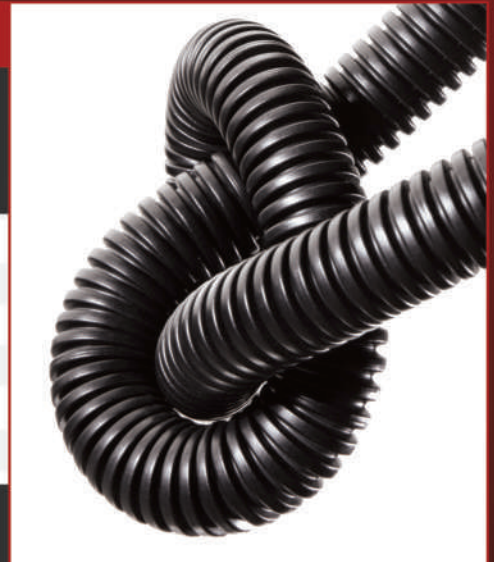
LITAFLEX also supplies a wide range of fittings and accessories to complement its Corrugated Conduits, thus providing a complete, end-to-end installation.

## IEC 61386-22: 2002

### uPVC CORRUGATED FLEXIBLE CONDUIT

Product No.	Diameter		Standard Coil	Packing Export
	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	1
FC 50PVC	50mm	41.2mm	25M	1

Colour : Black, White, Grey, Orange



### PP CORRUGATED SUB - DUCT (Complete with pre-installed Nylon)

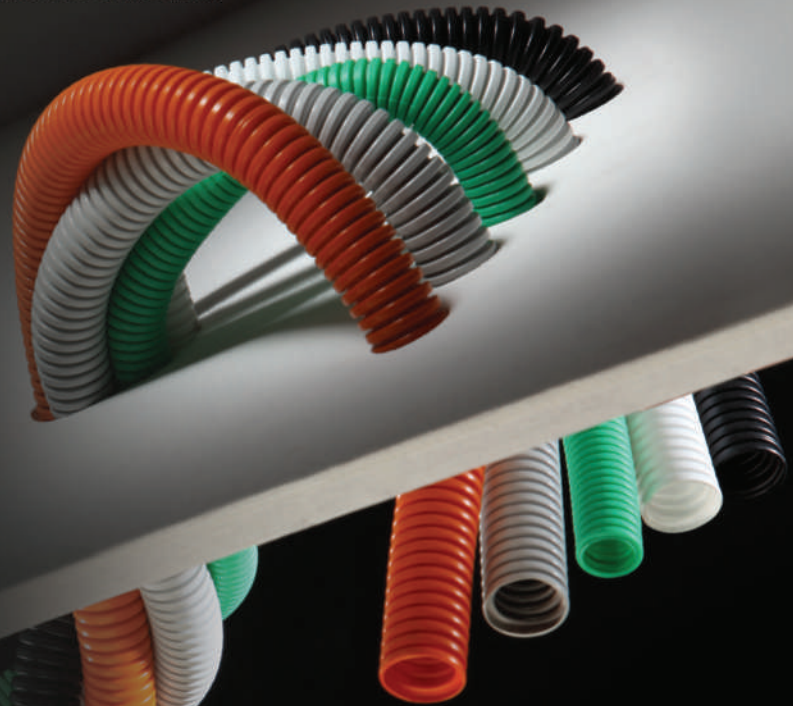
Product No.	Diameter		Standard Coil	Packing Export
	Outer	Inner		
FC 32SD	31.6mm	24.6mm	500M	2
FC 40SD	39.5mm	31.5mm	500M	2






Colour : Black



## 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
- Compression - Has good compression strength
- Available in long length, thus reducing the number of connections
- Lightweight, flexible and easy to install
- Can be simply cut by knife or cutter
- Do not kink



	Product No.	Size	Packing		Product No.	Size	Packing
Corrugated / Plain Connector				Corrugated Connector			
	FCF 20CP	20mm	100		FCF 20CC	20mm	100
	FCF 25CP	25mm	100		FCF 25CC	25mm	100
Corrugated Angle Adaptor				Corrugated Gland			
	FCF 20AA	20mm	100		FCF 16CG	16mm	100
	FCF 25AA	25mm	100		FCF 20CG	20mm	100
Corrugated Adaptor					FCF 25CG	25mm	100
	FCF 20CA	20mm	100		FCF 32CG	32mm	50
	FCF 25CA	25mm	100				
	FCF 32CA	32mm	20				
	FCF 40CA	40mm	20				



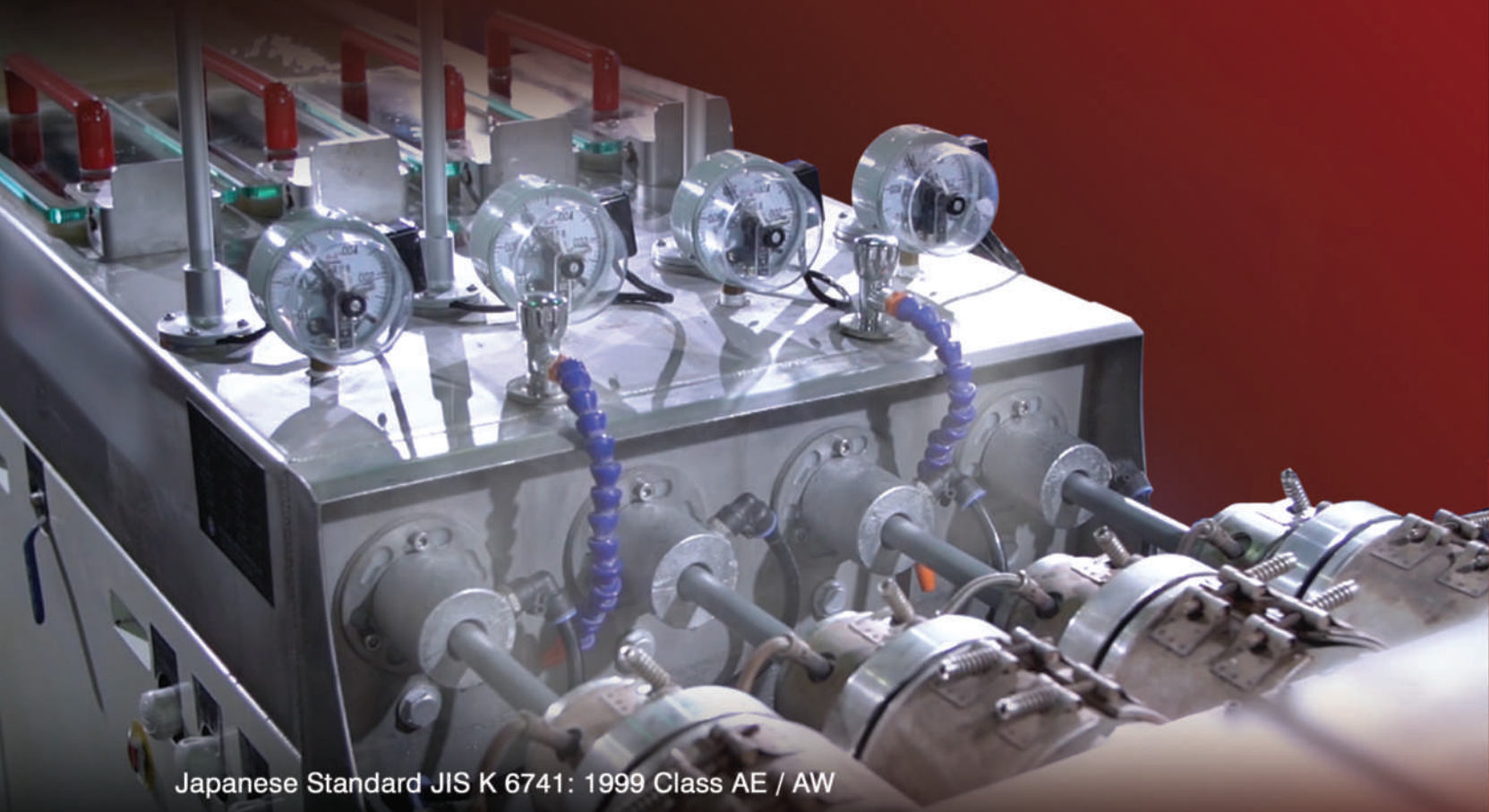
# uPVC DRAIN PIPE & FITTINGS

## For Air Con Drainage Insulation

LITAFLEX's uPVC DRAIN PIPES are manufactured strictly in accordance to the Japanese Standard JIS 6741: 1999.

Constructed from High Impact Polyvinyl Chloride, which is self-extinguishing, and together with a comprehensive range of fittings, LITAFLEX Drain Pipe System is able to efficiently serve the drainage purpose of Air-Con water discharge, which are extremely corrosive.

Its light weight material and smooth bore minimizes the deposit build-up in the inner wall. By simply using the solvent cement welding method for the Fittings, installation is made easier, cost is reduced and time is saved.



Japanese Standard JIS K 6741: 1999 Class AE / AW

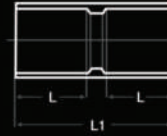
### uPVC DRAIN PIPE

Product No.	Nominal		Outer Diameter mm	Wall Thickness		Parking Local LG
	mm	inches		Class VU / AE mm	Class VP / AW mm	
DP 13	13	3/8	18	1.8	2.2	10
DP 16	16	1/2	22	1.8	2.7	10
DP 20	20	3/4	26	1.8	2.7	10
DP 25	25	1	32	1.8	3.1	10
DP 30	30	1 1/4	38	1.8	3.1	10
DP 40	40	1 1/2	48	1.8	3.6	10
DP 50	50	2	60	1.8	4.1	5

Classification : AE / AW  
 Standard Length : 2.9M  
 Wall Thickness Tolerance : ± 0.1 mm  
 Colour : Grey

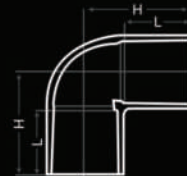


## SOCKET



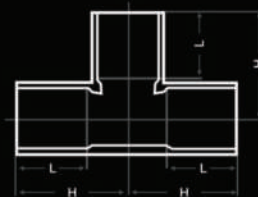
Product No.	Normal Size	L	L1	Packing
DPF 13S	13	26	57	600
DPF 16S	16	30	65	470
DPF 20S	20	35	77	280
DPF 25S	25	40	87	200
DPF 30S	30	44	95	120
DPF 40S	40	55	117	65
DPF 50S	50	63	133	40

## ELBOW



Product No.	Normal Size	L	H	Packing
DPF 13E	13	26	36	650
DPF 16E	16	30	43	350
DPF 20E	20	35	50	230
DPF 25E	25	40	58	140
DPF 30E	30	44	65	75
DPF 40E	40	55	82	50
DPF 50E	50	63	96	30

## TEE JOINT



Product No.	Normal Size	L	H	Packing
DF 13T	13	26	36	650
DF 16T	16	30	43	350
DF 20T	20	35	50	230
DF 25T	25	40	58	140
DF 30T	30	44	65	75
DF 40T	40	55	82	50
DF 50T	50	63	96	20



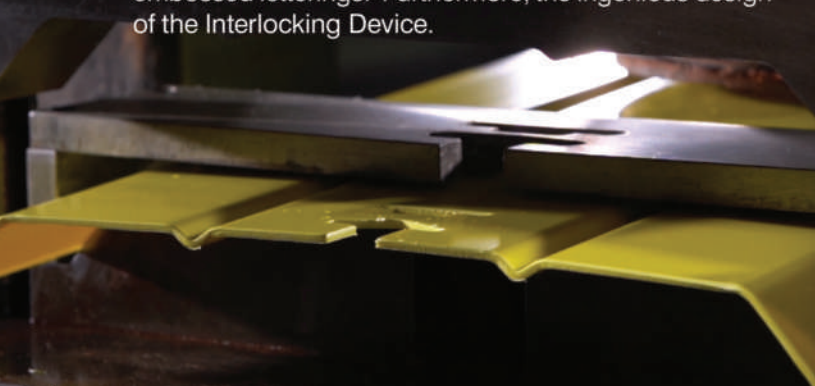
# uPVC CABLE COVER PLATE

For Safety and Protection of Cables

Excavation and the digging of trenches is risky work; it could be dangerous for the workers on site. Hence it is imperative to safeguard the workers from electrical shock and other hazards. Excavation/digging can also cause costly damages to underground Electrical Cables, Telecommunication Optical Fiber Cable Networks and Gas Distribution System, Industrial and also the Domestic Water Piping System.

Designed to protect underground telecom and power supply cables, LITAFLEX uPVC Cable Cover Plate (also called the Warning Marker Plate) eliminates disruption to business operations from earth work activities, such as excavation and digging. Manufactured from Polyvinyl Chloride, LITAFLEX uPVC Cable Cover Plate possesses high impact strength and complies with international standards.

The wide range of bright, luminous colours with embossed raised lettering enables easy identification, thereby effectively signaling caution when digging trenches. LITAFLEX enjoys the cutting edge in the customization of Cover Plates in the South East Asian region; we have proven expertise in customizing both the colour and the embossed letterings. Furthermore, the ingenious design of the Interlocking Device.



## CUSTOM-MADE COVER PLATE

COLOURS AND EMBOSSED TEXT



### FLAT PLATE

Product No.	Dimension (mm)		Pallet	
	A	B	PCS	M <sup>3</sup>
PF 120	120	1.6	2000	0.75
PF 150	150	1.8	2000	1.00
PF 200	200	2.0	1600	1.20
PF 250	250	2.0	1200	1.10

Standard Length : 1M  
Standard Colour : Yellow / Black

### ANGLE PLATE

Product No.	Dimension (mm)		Pallet	
	A	B	PCS	M <sup>3</sup>
PA 120	120	1.8	2000	0.75
PA 150	150	1.8	2000	1.00
PA 172	172	2.0	1600	1.20
PA 272	272	2.0	1200	1.10

Standard Length : 1M  
Standard Colour : Yellow / Black

### FLAT SMOOTH PLATE

Product No.	Dimension (mm)		Pallet	
	A	B	Roll	M <sup>3</sup>
PS 200	200	2.0	25	1.64

Standard Length : 50M per roll  
Standard Colour : Yellow / Black

### Standard Embossing

DANGER ⚡ LT CABLE  
DANGER ⚡ HT CABLE



 CAUTION MARKER PLATE

Test Specification of uPVC Cable Cover Plate

Characteristics	272mm uPVC Cable Cover Plate
1. Dimensional Measurement (mm), average	
a) Length	1000
b) Width	272
c) Thickness	2.0
ASTM D1525 : 2017	
2. Vicat Softening Temperature (°C), average	90
ONORM E6530 (Clause 7.3) : 1985	
3. Impact Strength (Drop Hammer Test)	
a) Maximim depth of penetration of the 10 kg drop hammer into the 3 specimens tested (mm)	90
b) Observation	No crack was observed
ONORM E6530 (Clause 7.4) : 1985 / ASTM D3045 : 2018	
4. Tensile Load of the Longittudinal Connection	
a) Tensile Load prior to Aging (N), average	847
b) Tensile Load after Aging (N), average	869
c) Change in Tensile Load (%)	2.7



## *Install with a Peace of Mind*

uPVC Extrusion and Injection -  
Manufacturer of:

- Cable Trunking • Carpet Trunking • Air con Trunking
- Air con Drain Pipe • Conduit Pipe • Conduit Boxes & Fittings
- Underground Cable Cover Plate • Corrugated Conduit & Fittings
- Corrugated Sub-Duct for Optic Fibre Cable
- Electrical Wiring Accessories

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