



Since 1978

**EVERRISE PLASTICS INDUSTRIES (PTE) LTD**

[www.everrise.com.sg](http://www.everrise.com.sg)



★ AWARDED ★

**ISO 9001**

Quality Certification



## Business Once, Customer Forever

Everrise Plastics Industries was founded in 1978 with a mission to supply best value & quality construction material in an era of rapid development in the Southeast Asian region. Since then, we became Singapore's fastest growing PVC Hose/Pipe & Cable Trunking manufacturer. For 30+ years in business, customer base has spread all over the world. We are glad to have 95% of customer continue to support us with constant orders. We welcome entrepreneurs to join our client who have grown with us for the past three decades.

Everrise Plastics is committed to build a long term relationship. We believe in growing together with our clients. We strive to understand customer's business goals, Strategies & needs for the future. Our main objective is to provide business partners with cost effective solution & best value for quality product.

We wish everyone a successful career & business grow together.

Everrise Plastics shows its commitment towards the well-being of the plastics industry by actively engage in the activities of Singapore Plastics Industry Association (SPIA). Our management has been on board of directors for SPIA and represented Singapore on the agreement of various international trade missions.



Everrise Plastics show interest with the latest plastics technology by attending various international technology exchange program. Left picture shows our management exchange technology information in a workshop in Japan while right picture shows our management undergoing training in Italy.



We have over US\$500,000 worth of inventory of products in 4 different warehouses.



## Cater for Aircon Installation



SUPER JET A/C Trunking is the pioneer with the leading designs of UPVC A/C Trunking which caters specially to the installation of split-unit air conditioning systems. Over the last 30 years, we have continuously improved and modified our A/C trunking to better sizes and materials. We also work hard and strive to provide the best service support to all our customers.



**4"x2"** A/C Trunking modified to accommodate complete pipe works for **System 2.**

### A/C Installation Features

1. Complete range of A/C Trunking from 52 x 25mm to maximum size of 200 x 100mm.
2. Made higher and wider (cater for A/C industries) in order for extra capacity, therefore paying extra for larger trunking is not required (example Fig.1).
3. Improved snap-on lids provides strong cover grip with removable character that allows multiple openings and closings without deformation.
4. Anti-corrosion with weather-resistant additive to ensure a long-lasting finishing. Widely accepted in the Middle East since 1998, tested and proven (with project reference) to withstand their extreme UV attack with mid-day temperatures of 60°C.

### BEST VALUE FOR YOUR MONEY

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

Resistant to Heat	Test Specification
Testing Temperature	60 ± 2°C
Applied force of Ball Pressure	20N
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 Resistant Test</u></b>	
Applied Voltage	500 V dc
Duration of Electrification	1 min



# Super Jet

Trunking Comply To SS275 :1999



QAIC/SG/380-A

SuperJet trunking is manufactured with high impact uPVC material in order to withstand the most rigorous handling within their working environments. The body of the trunking is strong and tough to take up all irregularities in the wall and ceiling surfaces with ease. The ingenious snap-on lid provides strong cover grip with removable characteristics that allows for multiple opening & closing without deformation. These features make maintenance or alternation of wiring system came easy. SuperJet trunking are widely accepted and specified by Consulting Engineers and Electrical Contractors for their inherent safety, strength and durability.

Most Complete range of trunking available as below table:

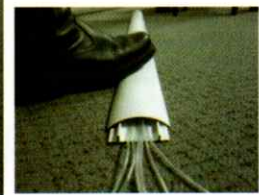
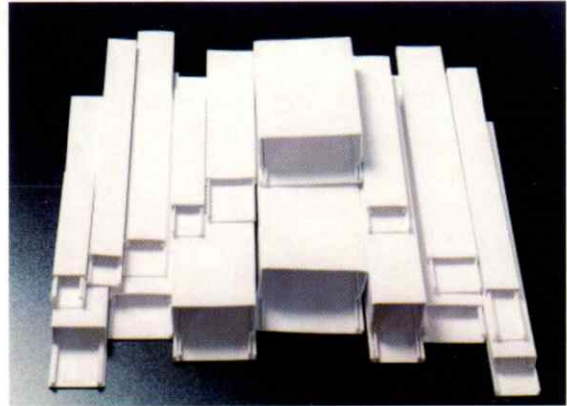
Code	Width x Height	Pack
ER 802	50 x 12 mm	20
ER 805	30 x 15 mm	40
ER 807	40 x 20 mm	20
ER 808	40 x 14 mm	20
ER 809	32 x 12 mm	50
ER 810	16 x 16 mm	50
ER 811	17 x 12 mm	50
ER 814	43 x 43 mm	10
ER 815	25 x 25 mm	25
ER 816	20 x 10 mm	50
ER8166	20 x 10 mm	50
ER816S	20 x 10 mm (S/S)	50
ER8166S	20 x 10 mm (S/S)	50
ER 818	38 x 25 mm	20
ER 819	38 x 16mm	20
ER 820	25 x 16 mm	25

Multi-purpose Trunkings Especially for A/C installation.

Code	Width x Height		Exact Size	Pack
ER 821	50 x 25 mm	2 x 1 inch	55 x 31 mm	10
ER 8215	50 x 38 mm	2 x 1½ inch	55 x 38 mm	10
ER 822	50 x 50 mm	2 x 2 inch	55 x 55 mm	10
ER 832	75 x 50 mm	3 x 2 inch	75 x 54 mm	10
ER 8325	75 x 64 mm	3 x 2½ inch	80 x 65 mm	10
ER 833	75 x 75 mm	3 x 3 inch	76 x 79 mm	10
ER 842	100 x 50 mm	4 x 2 inch	100 x 54 mm	10
ER 8425	100 x 64 mm	4 x 2½ inch	103 x 65 mm	10
ER 843	100 x 75 mm	4 x 3 inch	101 x 75 mm	6
ER 844	100 x 100 mm	4 x 4 inch	101 x 105 mm	6
ER 852	125 x 50 mm	5 x 2 inch	125 x 50 mm	5
ER 862	150 x 50 mm	6 x 2 inch	150 x 50 mm	5
ER 863	150 x 75 mm	6 x 3 inch	152 x 75 mm	5
ER 864	150 x 100 mm	6 x 4 inch	153 x 106 mm	2
ER 884	200 x 100 mm	8 x 4 inch	200 x 105 mm	2
ER 8105	250 x 125 mm	10 x 5 inch	250 x 125 mm	2

Standard Length: 2m, 2.9m and 8 feet.

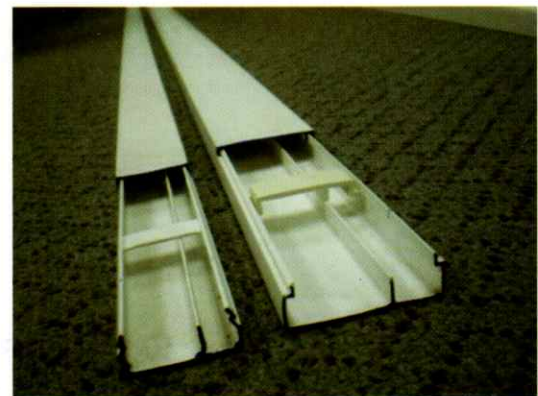
Others length are available upon request.



## Floor Trunking

FT50	Width x Height	50mm x 12mm
FT80	Width x Height	80mm x 18mm

Specially design to fix & lay on the floor to protect cables & cords from exposure damage along the floor surface. The curved contour lid cover of 60° helps to minimize trips to pedestrian & damage by them. Extra rigid materials enable to withstand step on by human & roll over by trolleys weight up to 1.8kg/cm<sup>2</sup>



## Multi-compartment Trunking

ER 813	Width x Height	60 x 20 mm
ER 817	Width x Height	40 x 20 mm

Design to separate groups of wires into different compartments in order to protect signal cables from interference by power cables that need runs together.

Optional retaining clip assist fast, easy & tidy cables installation.



# Super Jet

uPVC Cable Tray: Comply To : SS275 :1999



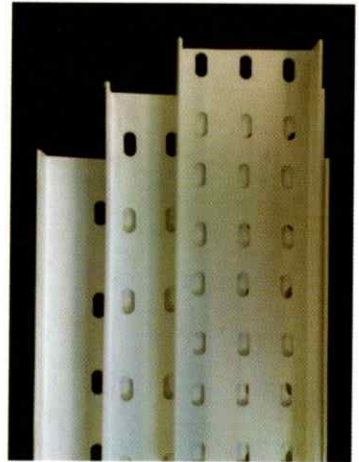
**Corrosive Free**

**Non-Conductivity**

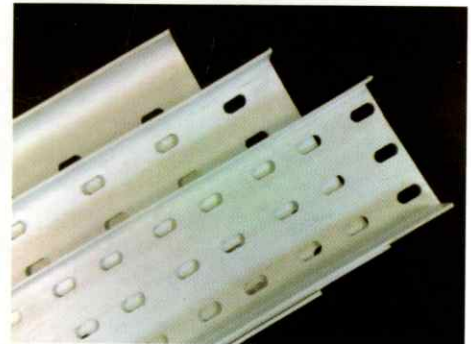
**Everlasting**

**SuperJet** uPVC Cable Tray range is designed for a wide variety of industrial and commercial environments. It is a tough, easy to install & virtually maintenance free.

uPVC is non-conductivity to electricity hence earthing is not require. It also offers a high resistance to chemical agents and to humid, saline and corrosive atmospheres, making it ideal for use in the chemical, petro-chemical nuclear, textile and food industries, as well as mines, power stations, factories, public building, hospitals, swimming pools, schools and Carparks.



Its high rigidity and load capacity together with ease of use, make **SuperJet** Cable Tray the best solution to heavy duty wiring management.



Code	Width x Height	Pack
ER CT4	4" x 21mm	10
ER CT6	6" x 23 mm	10
ER CT8	8" x 27 mm	10

The uPVC Cable Tray comes in White colour and 8ft length. Enquiries for other length are also available

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

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



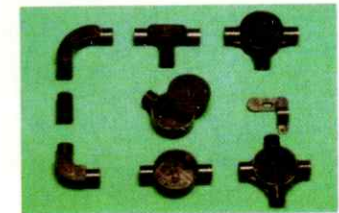
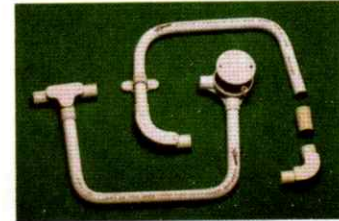
# Conduit System



## Everrise uPVC conduit systems

In conventional installation, uPVC conduit has the following points of advantage:

1. uPVC Conduit is tough, durable, and has high tensile strength, yet is easy to handle and install.
2. Installation Timing for uPVC conduit is easy to form and bend cold with the aid of a bending spring. It is also easy to cut with a hacksaw or cutters. Joints and connections are simply installed with adhesive without the need for threading and screwing.
3. Safety uPVC conduit is non-conductive and earthing is not required, so there is no risk of it becoming "live".
4. Corrosion Resistance uPVC conduit will not corrode in damp conditions. It is also impervious to most acids, alkalis, aggressive soils, fungi and bacteria. uPVC conduit is also neat in appearance and does not require painting unless so desired.
5. Simple Rewiring uPVC conduit has a smooth internal bore, through which cable can be easily drawn. Rewiring is simple, as additional circuits can be installed without dismantling the conduit and there will not be any corrosion problems.
6. Cost uPVC conduit is less expensive than steel for most applications. The system can also be installed faster with a further saving on labor costs.



### Heavy Gauge – Black or White

Code No.	O.D.	Wall Thickness	Standard Pack
ER 9820	20mm	1.8mm	20 or 50 x 2.9m
ER 9825	25mm	1.9mm	20 x 2.9 m
ER 9832	32mm	2.5mm	10 x 2.9m
ER 9840	40mm	2.5mm	10 x 2.9m
ER 9850	50mm	3.2mm	5 x 2.9m

Our uPVC conduits are manufactured to British International standards under BS EN 50086-2-1 : 1996

Physical Properties of Conduit Material		
	Unit	PVC
Specific Gravity	g/cm <sup>2</sup>	1.35
Water Absorption	-	Negligible
Module of Elasticity	Kg/cm <sup>2</sup>	30,000
Softening Temperature	°C	75-85
Forming Temper	°C	120
Insulating Temperature	Megohm	2.8 x 10 <sup>5</sup>
Elongation at Tear	%	30



# Corrugated Flexible Pipe



Everrise corrugated flexible Pipe made to possess excellent flexibility for the specific ring stiffness in order for resistance to crushing. These pipes are characterized by low weight, rendering the handling, transportation and laying operations easy and cost effective.

Our corrugated pipes are available in two different category :

- a) Higher ring stiffness with medium flexibility.
- b) Higher Flexibility with medium stiffness.

### Key Specification / Features of Corrugated Pipe:

- High Flexibility and low in weight.
- Corrugated and good flexibility
- Easy handling, laying and Long Lasting
- Non rusting and corrosive chemical resistance.
- Anti-aging, anti-moisture & humidity, and anti-oil.
- Wire-protection hoses for room decoration
- Wire-protection and oil hoses for autos



### Fire Retardant Model BS 4607: Part 3: 1971

### Gorden Bull PP Non Flame Retrdant Grade

Code No.	Size (mm)	Standard Pack	Code no.	Size (mm)	Standard Pack
ER 5816	16	50M	GB 8816	16	50M
ER 5820	20	50M	GB 8820	20	50M
ER 5825	25	50M	GB 8825	25	50M
ER 5832	32	25M	GB 8832	32	25M
ER 5840	40	25M	GB 8840	40	25M
ER 5850	50	25M	GB 8850	50	25M

Test Specification		
	Unit	Thermoplastics
Density	g/cm <sup>3</sup>	0.9
Yield Strength	kg/cm <sup>2</sup>	280
Ultimate Strength	kg/cm <sup>2</sup>	400
Ultimate Elongation	%	800
Flexual Modulus	kg/cm <sup>2</sup>	12000

Test Specification		
	Unit	Thermoplastics
Notched (-20°C)	kg-cm/cm	5
Rockwell Hardness	R scale	86
HDT (46kgf/cm <sup>2</sup> )	°C	112
Shrinkage MD/TD	1/1000	15/14
Water Absorption	-	Negligible

Corrugated Pipes are available in standard length and colour (Black& White), other colours are available upon request.



# Everrise Plastics Industries Pte Ltd



## uPVC Drainage Pipe

SuperJet uPVC Pipes offer a range of unique characteristics that make them versatile in their field of application.

These pipes are grey in colour and are commonly used as cable ducting, flush pipe and airconditioning water discharge outlet.

There is an ease in handling due to the pipe's light weight. This makes transportation and unloading easier and thus minimise operation cost.

The smooth bore provides greater hydraulic capacity and minimises deposit build up or roughening of the pipe walls.

The pipes can be readily joined by solvent welding. This provides the versatility in joining and minimise the flow of obstructions.

The pipes are manufactured in compliance to the JIS K-6741:1999 standards to give you assured quality materials to work with.



Japanese Industrial Standard JIS K6741:1999 class VU/VP

Product No.	Size (O.D.)	Thickness	Packing
AP3813	13 mm	1.85 mm	50
AP3816	16 mm	1.90 mm	20
AP3820	20 mm	1.95 mm	20
AP3825	25 mm	2.00 mm	10
AP3830	30 mm	2.00 mm	10
AP3840	40 mm	2.00 mm	10
ER6816	16 mm	2.75 mm	20
ER6820	20 mm	2.75 mm	20
ER6825	25 mm	3.10 mm	10
ER6830	30 mm	3.10 mm	10