

SHITAL

PVC - U CABLE TRAYS

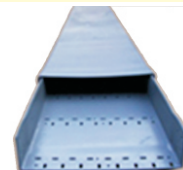
The PVC Cable Tray, supports and other accessories in this brochure provide a very economical, maintenance free & completely non-corrodible system for cable installations.

Supreme Electroplast Industries

Straight Length : 3 Mtrs.
Range : 100 to 600 mm
Flange Height : 50 to 120mm
Colour : Grey



U Shape Cable Tray.



U Shape Cable Tray with Lid type cover.

Advantages

- † Non Corrosive.
- † No earthing necessary.
- † Light & easy to cut.
- † High chemical resistance.

Features

- **MATERIAL** = Manufactured from PVC.
- **Colour** = Grey.
- **CHEMICAL RESISTANCE** = Unaffected by most acids, alkalizes and most commonly used chemicals such as ammonia, petrol, hydrogen, potassium chlorate, phosphorous, soap, sodium, sulphate, etc.
- **WORKING TEMPERATURE** = From -40.C to +50.C (-40F to 122F)
- **FLAMMABILITY** = Self Extinguishing & Non – Flammable for all practical purposes, As per Indian Standard IS 14927.
- **WORKABILITY** = Can be cut with an ordinary saw. Light to handle (Specific gravity = 1.54) Holes can be drilled with ordinary hand drills. No sharp edges are left.

Quick to Install.

JOINTING OF TRAYS = Unique for only "Shital" make Cable Tray, where only PVC cable tray in the world with inbuilt socketed end, for joining **"No Coupler Plate required."** No where in the world.

Extensive Range.

* Flange heights 50,60,75,100 & 120.

TYPE AVAILABLE = PERFORATED AND LADDER TYPE.

Width 100, 125, 150, 200, 250, 300, 400, 500 & 600 mm width



Cable Tray Width	Section Thickness (+/- 5 %)	Load bearing capacity	
		(a) L=1.45 Mtrs	(b) L=1.00 Mtrs
100 mm	3.2 mm	23 kgs	70 kgs
150 mm	3.2 mm	37 kgs	113 kgs.
200 mm	3.2 mm	40 kgs	124 kgs.
250 mm	3.2 mm	44 kgs	134 kgs
300 mm	3.2 mm	47 kgs	143 kgs.
400 mm	4.0 mm	39 kgs	118 kgs.
500 mm	5.0 mm	49 kgs	148 kgs

Ø SPECIFICATION =

$$\text{LOAD BEARING CAPACITY: } W = \frac{384}{5} \times \frac{Y \max X E X I}{4} \times L$$

Where, L = Span = Distance between the two fixed supports
 W = UDL in kgs. Between Two Fixed support i.e span (L)
 Span Flange Height
 Deflection = 6 mm (a) L = 1.45 meter 50 mm both sides
 (b) L = 1.00 meter.



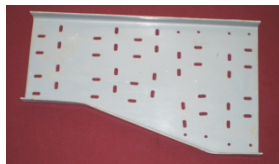
PVC ONE PIECE MOUNTING BRACKET

Rigid PVC Supporting Bracket :-

Used for supporting rigid PVC cable Trays or directly laying / supporting cables. Moulded from PVC & suitable upto 300 mm with cable Tray.



PVC ONE PIECE HORIZONTAL BEND

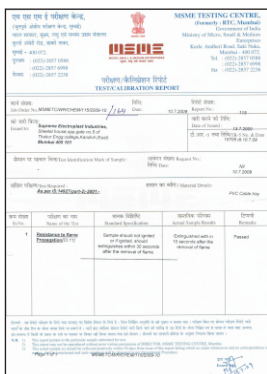


PVC ONE PIECE HORIZONTAL REDUCER



PVC ONE PIECE HORIZONTAL 3 WAY "T"

Rigid PVC Accessories : Normally not required as all accessories can be fabricated from cable tray at site by simple hacksaw cutting & bending at room temperature. If need be one piece moulded Horizontal fittings like Reducer, Bend T and cross (4way) can be supplied.



Cost Factor : Quite comparable with GI perforated cable tray upto 300 mm width but are slightly expensive comparing with GI ladder type Trays . But considering no maintenance cost for fairly long time, these trays are economical We are sure with the changing work culture of preventative maintenance use of SHITAL make PVC cable tray is the right answer.

Manufactured by :

SUPREME ELECTROPLAST INDUSTRIES

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