

Technical Detail :-

Quality Standards are inbuilt in every 'RICHA' Pipe, Rigid tests and checks at every step from raw material Stage to manufacturing stage and finally up to finished product stage ensure that RICHA Pipes strictly & fully meet the standard norms set by Bureau of Indian Standards, Tests are carried in accordance with IS : 9537 (Pt-3) 1983, on well maintained & fully equipped lab with all kinds of testing Machines. This lab. is handled by sharp, intelligent & honest persons who are always dedicated to their faithful work.

Tests Conducted on 'RICHA' Pipes

1. Test for Dimensions :-

- a. Maximum Outer Diameter
- b. Minimum Outer Diameter
- c. Minimum Inner Diameter
- d. Uniformity of wall Thickness

2. Test for Construction

3. Test for Resistance to Heat

4. Test for Mechanical Properties :-

- a. Bend Test
- b. Compression Test
- c. Impact Test
- d. Collapse Test

5. Test for Resistance to Burning

6. Test for Electrical Characteristics

IS:9537 Pt-III



CM/L-8604577

Dimension :-

S. No.	Nominal Size (in MM)	Maximum O.D. (In MM)	Minimum O.D. (In MM)	Minimum Internal Diameter		
				Light Mechanical Strength (in MM)	Medium Mechanical Strength (in MM)	Heavy Mechanical Strength (in MM)
1.	20	20	19.70	17.40	16.90	15.80
2.	25	25	24.60	22.10	21.40	20.60
3.	32	32	31.60	28.60	27.80	26.60
4.	40	40	39.60	35.80	35.40	34.40

Maximum Capacity of Conduits for Drawing in of Richa PVC Insulated Cables 1100V. Grade

Size of Cables as per IS: 694:1000 Metric Size (mm ²)	App. Overall Dia Metric size (mm)	SIZE OF CONDUIT			
		20mm	25mm	32mm	40mm
1.5	3.4	4	9	10	-
2.5	4.2	3	6	8	-
4	4.8	2	5	7	-
6	5.6	-	4	5	5
10	7.0	-	3	4	5
16	8.2	-	-	-	2
25	10.0	-	-	2	2

APPLICATIONS

- Open and concealed wiring in industries/residential and commercial buildings.
- House meter and water pump connections.
- Street light and traffic signal connections.
- Concealed wiring on buses, railway coaches, ships, aircrafts etc.
- Being light can be used on false ceiling and sleeving.

IS:9537 Pt-III



CM/L-8604577

Rigid PVC Conduits & Fittings for Electrical Installations

Salient Features:-

- Adaptable to Standard concealed wiring system as per IS : & BS :
- Virgin suspension grade K-67 PVC.
- Processed on twin screws extrudes.
- Minimum filler ensures high impact strength.
- Prevents short circuit hazard and are free from rust salinity & humidity.

Size Available : 20mm, 25mm, 32mm, 40mm

Mechanical Strength : Ligth (LMS), Medium (MMS) & Heavy (HMS)

Color : Ivory, Grey & Black



Junction Box



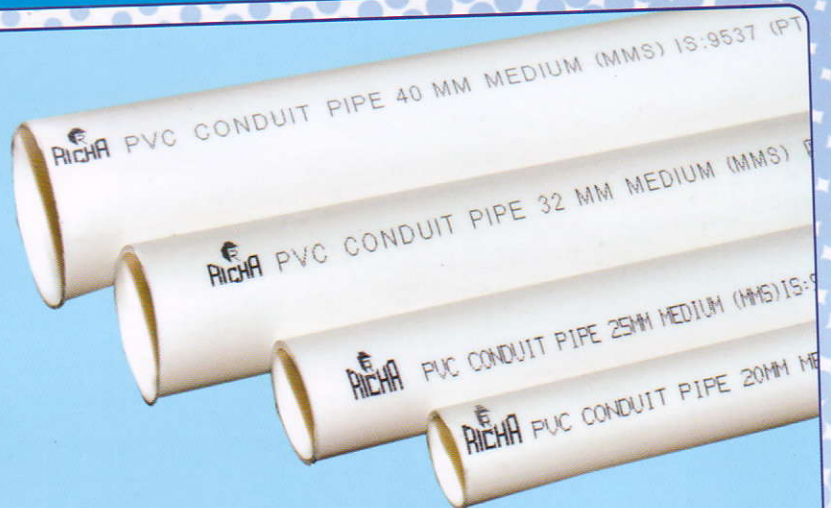
Tee



Elbow



Round Sheet



Fabricated Bend Normal

Size available 20, 25, 32 & 40 mm

Surface & deep junction box in 1,2,3 & 4 way configuration.

All Junction boxes are provided with brass inserts & covers.

Cable Trunking & Ducting System for Electrical Insulation

Salient Features:-

- Adaptable to Standard Outer Wiring System as per IS:& BS
- Virgin suspension grade k-67 PVC.
- Processed on Twin Screws Extruders.
- Minimum Filler Ensures High Impact Strength.
- Prevents short Circuit hazard and are free from rust & Salinity & Humidity

IS:14927 Pt-2



CM/L-8953909

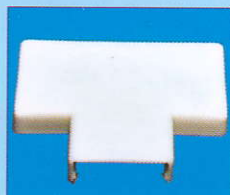
Size Available : 25x12MM, 25x16MM, 32x12MM, 32x16MM, 38x20MM.
 Mechanical Strength : Medium Mechanical Strength (MMS)
 Color : Ivory



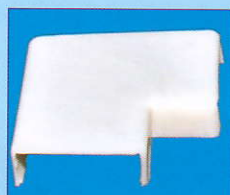
Internal



External



Tee



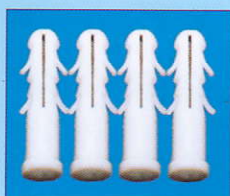
Elbow



Coupler



Square Box



Gitti



Round Sheet



Teak Board

Sq. box are provided with Brass inserts & screw.

Technical Detail :-

Quality Standards are inbuilt in every 'RICHA' Cable Trunking & Ducting System. Rigid tests and checks at every step from raw material stage to manufacturing stage and finally up to finished product stage ensure that 'RICHA' Cable Trunking & Ducting system strictly & fully meet the standards, Test are carried in accordance with IS: 14927 (Pt-2) 2001, on well maintained & fully equipped lab with all kinds of testing machines. This lab is handled by sharp by sharp, intelligent & honest persons who are always dedicated to their faithful work.

Tests Conducted on 'RICHA' Cable Trunking & Ducting system:-

- | | |
|---|---|
| <p>1. Test for Dimensions :-</p> <ul style="list-style-type: none"> a. Outer width b. Outer height c. Wall thickness <p>2. Test for Construction</p> <p>3. Test for Mechanical properties :-</p> <ul style="list-style-type: none"> a. Cable supporting test for surface mounting b. Linear deflection test c. Impact test | <p>4. Test for Electrical Characteristics :-</p> <ul style="list-style-type: none"> a. Access to live parts b. Insulation Resistance c. Electrical Insulating Strength <p>5. Test for Resistance to heat</p> |
|---|---|

IS:14927 Pt-2



CM/L-8953909



Dimension :-

S.No.	SIZE	OUTER WIDTH	OUTER HIGHT	WALL THICKNESS
1.	20x12	20+/-0.2MM	12+/-0.2MM	1.2 MM (Min.)
2.	25X12	25+/-0.2 MM	12+/-0.2 MM	1.2 MM(Min.)
3.	25X16	25+/-0.2 MM	16+/-0.2 MM	1.2 MM(Min.)
4.	32X12	32+/-0.2 MM	12+/-0.2 MM	1.2 MM(Min.)
5.	32X16	32+/-0.2 MM	16+/-0.2 MM	1.2 MM(Min.)
6.	38X20	38+/-0.2 MM	20+/-0.2 MM	1.3 MM(Min.)
7.	50x20	50+/-0.2 MM	20+/-0.2 MM	1.5 MM(Min.)

APPLICATIONS

- In the electrical wiring of building cable tray system is used to support insulated electric cables.
- Used to power distribution and communication.
- Cable trays are used as an alternative to open wiring or electrical conduit.

For Further Details Please Contact :

RICHA CABLES PVT. LTD.

F-173, Bundayaka Industrial Area, Bundayaka, JAIPUR (Raj.)
E-mail : richacables@yhao.com Ph. 0141-2240819

Auth. Dealer :

