



IS : 9537



Part-3

BEC PLAST

Excellence in Quality

PVC CONDUITS

- Long term tensile strength
- Corrosion resistant
- Maintenance free
- Easy to install

BEC PLAST PVC CONDUITS

Providing the Perfect Safety for Electric Conductors

About The Company

BECON Pipe Industries is a leading manufacturer of ISI marked rigid PVC conduit pipes. Formed under the guidance of Mr. Ajay Mehra and Mr. Anil Mehra, the company is managed by a group of highly qualified managerial and technical personnel. Pursuing the motto 'Excellence in Quality', all members of BECON Pipe Industries coordinate their activities to provide best quality products and quality in their services. A strong marketing network ensures that our customers' requirements are met in time, every time.

Product

BEC PLAST PVC conduit pipes are manufactured as per IS 9537 Part III/1983 standard. PVC conduit pipes are manufactured in two variants; Medium Duty and Heavy Duty. BEC PLAST PVC conduit pipes are manufactured from pure Poly-Vinyl chloride resin. This ensures adequate mechanical strength to bear very heavy loads and high temperatures for any job requirement. Further, BEC PLAST PVC conduit pipes are unplasticised, which makes the pipes impact resistant. Also, owing to the heat resistance quality, BEC PLAST PVC conduit pipes do not deform nor cause any kind of cable fusion during the heat generated by voltage fluctuations. Lastly, as BEC PLAST PVC conduit pipes are smooth walled, wire pulling becomes significantly effortless. Each length of BEC PLAST PVC conduit pipes is marked with our trademark 'BEC PLAST' and ISI mark along with size and dimensions. Primarily manufactured in White & Black colours, we also manufacture PVC Conduit pipes in other colours as per customer's requirements.

BEC PLAST PVC conduit pipes are manufactured as per the following IS 9537 Part III/1983 dimensions.

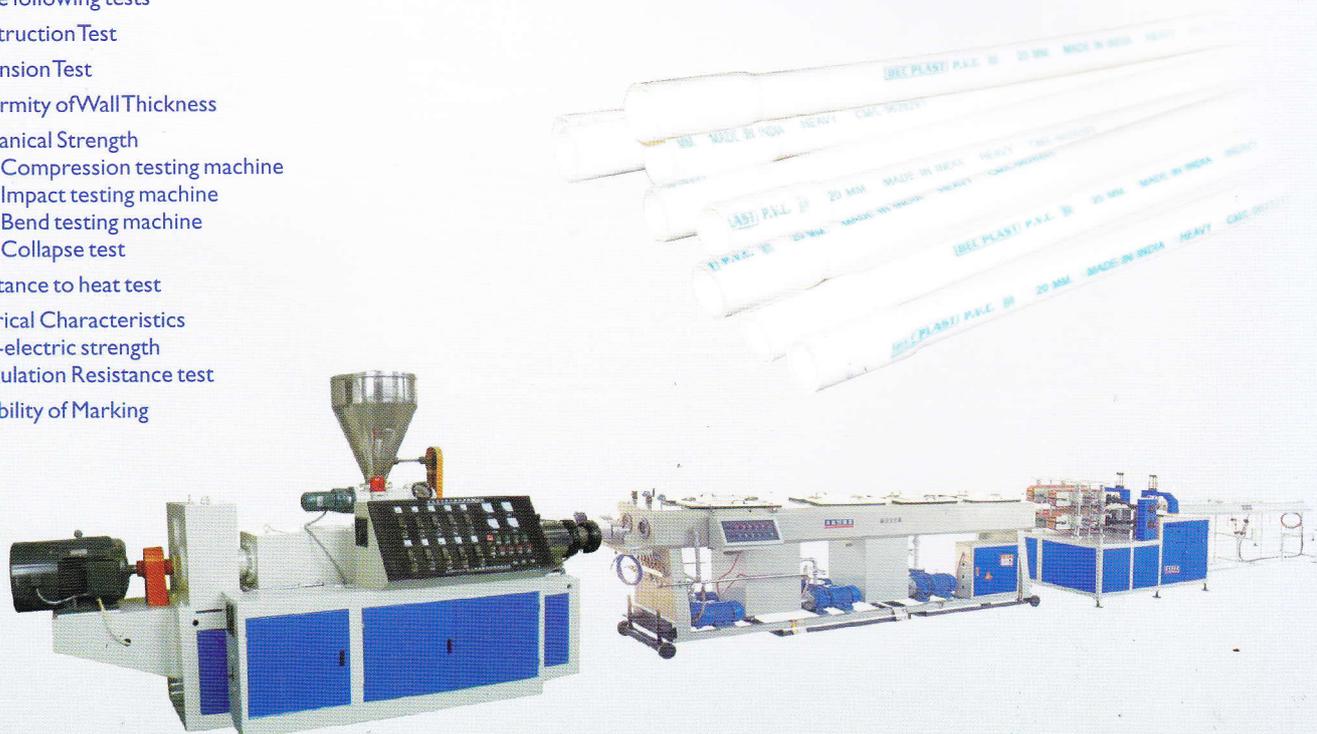
Dimensions of Rigid PVC Conduits (All dimensions are in millimetres)

NOMINAL SIZE	OUTSIDE DIAMETER	TOLERANCE ON OUTER DIA.	INSIDE DIAMETER, MIN.		
			Light	Medium	Heavy
(1)	(2)	(3)	(4)	(5)	(6)
20	20	-0.3	17.4	16.9	15.8
25	25	-0.4	22.1	21.4	20.6
32	32	-0.4	28.6	27.8	26.6
40	40	-0.4	35.8	35.4	34.4
50	50	-0.5	45.1	44.3	43.2

Quality Control

At BECON Pipe Industries, the quality control engineer and the quality control team are very vigilant. They ensure that the entire production strictly abides as per the above given IS 9537 Part III/1983 dimensions. They select pipes at random from each lot and test them as per the following tests

1. Construction Test
2. Dimension Test
3. Uniformity of Wall Thickness
4. Mechanical Strength
 - a. By Compression testing machine
 - b. By Impact testing machine
 - c. By Bend testing machine
 - d. By Collapse test
5. Resistance to heat test
6. Electrical Characteristics
 - a. Di-electric strength
 - b. Insulation Resistance test
7. Durability of Marking



BEC PLAST

ACCESSORIES

BEC PLAST manufactures the following PVC accessories

1. PVC Sockets

Manufacturing Range :
20mm - 50mm
Manufactured in colours :
White, Grey & Black

2. 1-Way Junction Box

Manufacturing Range :
20mm - 32mm
Manufactured in colours :
White & Black

3. 2-Way Junction Box

Manufacturing Range :
20mm - 32mm
Manufactured in colours :
White & Black

4. 3-Way Junction Box

Manufacturing Range :
20mm - 32mm
Manufactured in colours :
White & Black

5. 4-Way Junction Box

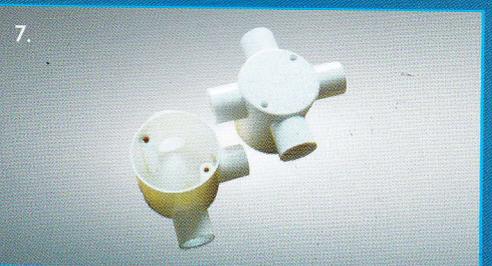
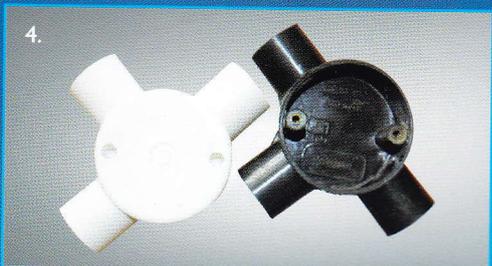
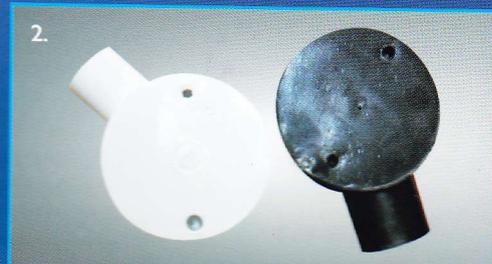
Manufacturing Range :
20mm - 32mm
Manufactured in colours :
White & Black

6. PVC Bends

Manufacturing Range :
20mm - 50mm
Manufactured in colours :
White, Grey & Black

7. Deep Junction Box

Manufacturing Range :
20mm - 32mm
Manufactured in colours :
White & Black



Clientele

BEC PLAST is in great demand by all leading builders, government & private infrastructure companies and electrical contractors. BEC PLAST PVC Conduit pipes are used across India.



DLF Square



Indira Gandhi International Airport



DLF Emporio Mall



Marriott Courtyard Hotel

Why Us

- Quality products at competitive prices.
- Prompt execution of orders
- Transparency in dealing
- Maximise interest of all stakeholders



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for
Electric Conductors*

