



JAVERI SALES CORPORATION

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EMJAYTM

IS 9537



Mark

RIGID P.V.C. CONDUITS

Part III



PVC CONDUIT PIPES & FITTINGS



Rigid P.V.C. Conduits

EMJAY™ Rigid PVC pipes confirm to IS 9537 Part III with ISI mark. Manufactured from specially formulated hi-impact UPVC which is capable of withstanding most hazardous conditions.

EMJAY™ Rigid PVC pipes are fire retardant-self extinguishing and do not support combustion. Hence they are safer than other thermoplastic pipes.

EMJAY™ Rigid PVC pipes have high mechanical strength and are resistant to corrosive, salty, and excessive humid atmosphere.

EMJAY™ Rigid PVC pipes need little or no maintenance and are ideal for concealed and open installation, having exceptional weathering properties.

EMJAY™ Rigid PVC pipes have excellent physical and electrical properties suitable for temperature between -5°C- +60°C.

EMJAY™ pipes are normally available in grey colour. **EMJAY**™ pipes can also be supplied in a wide variety of colours as per customer's requirement.

COLORS AVAILABLE : BLACK, GREY & CREAM



Dimensional details of Rigid Non-Metallic Clause 3.1 IS 9735/1983 Part III
(All Dimensions in MM)

Nominal OD	Minimum OD	Minimum ID			Maximum Permissible Eccentricity	Maximum Permissible Ovality
		Light	Medium	Heavy		
16	15.7	13.7	13.0	12.2	0.2	0.5
20	19.7	17.4	16.9	15.8	0.2	0.5
25	24.6	22.1	21.4	20.6	0.2	0.5
32	31.6	28.6	27.8	26.6	0.2	0.5
40	39.6	35.8	35.4	34.4	0.2	0.5
50	49.5	45.1	44.3	43.2	0.4	0.5
63	62.4	57.0	****	*****	0.4	0.5

	Light	Medium	Heavy
Impact Energy	1.0 joule	2.0 joule	6.0 joule
Compression Strength	0.5kgf/mm	1.19kgf/mm	2.19kgf/mm
Insulation Resistance	Safely withstands up to 20,000 mega ohms at 500V		

License no: CM/L 6711871



Rigid PVC Conduit Fittings and Accessories

JSC PVC conduit fittings are manufactured from UPVC, compound which has been specially formulated in **Extra Super High Impact** material, capable of withstanding the most stringent and hazardous conditions on site.

JSC Fittings are fire retardant-self extinguishing and do not support combustion.

Conduit circular junction boxes : Pipe sizes 20, 25 and 32mm are supplied in various types with lids and screws. These are also available in 65mm Depth, in black and Grey Color.

- Covers are with Special Groove to avoid ingress of dust and moisture.
- Lid fixing centres 50.8mm
- Tapped 4mm brass inserts in pillars
- Moulded recess for earth terminal

1 gang and 2 gang boxes for switches and sockets are available in black/white colour. Surface mounting boxes are 32mm deep. Flush mounting boxes are 35mm deep, with 20mm round knockout on all sides.



Inspection bends and Elbow

Male and Female Adaptor



Strap and Space bar saddles





Rigid PVC Coupler



'JSC' Rigid PVC Surface Junction Box



Emjay HD Deep Junction Box



'JSC' Rigid PVC Deep Junction Box



Rigid PVC Normal Bends



Emjay HD Surface Junction Box



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