



Registration No. 043-A

THE COMPLETE
WORKPLACE
SOLUTION



Vikas[®]

P.V.C. Electrical Conduit Pipes

**The most trusted name
in plastic piping systems.**

ISO 9001 Certified

TIJARIA GROUP is a flagship group established in 1982 by people who have twenty years experience to their credit in selling this material & hence they know the minute test details of the product . This company having diversified product range in the field of plastic HDPE, Drip irrigation LDPE & Telecom. We are licenced by Bureau of Indian Standards to Mark ISI on our different range of pipes by giving different licence numbers.

TIJARIA , through its vision of learning and constant innovation, has become a premiere name in the industrial, agricultural, domestic & telecommunication sector. **Vikas / Tijaria Pipe** is a quality product of the **TIJARIA GROUP**. Manufactured in state-of-the-art plant at Jaipur with the latest manufacturing technology under strict quality control **Vikas / Tijaria Pipe** have made their mark in various applications, be it water supply, gas transport, sewage disposal or cable ducting.

For TIJARIA , a satisfied customer is the measure of its success.



IS:9537 (Part -III)

Vikas / TIJARIA P.V.C. ELECTRICAL CONDUIT PIPES Conforming to IS-9537 (Part-III) specifications.

MATERIAL : It is made of Poly Vinyl Chloride. The additives used in manufacturing this product having a quality of shock proof. We adopt high quality PVC Resin & imported processing aids with scientific formulas to produce pipes & fittings. Tijaria/Vikas PVC Electrical Conduit pipes conforms to IS : 9537 (Part-3) 1983.

SALIENT FEATURES :

- **For Commercial & Industrial Uses :** Tijaria / Vikas PVC Electrical Conduit pipes has proven durable & effective for years of maintenance free performance in under-ground, encased & exposed application in accordance with the National Electrical Code.
- **Corrosion Proof :** Resistance to most chemicals, PVC is not affected by any corrosion, Cement, Lime, Soils and Salts.
- **Non Magnetic & Non Galvanic :** Merits of Tijaria / Vikas PVC Electrical Conduits assure good insulation & no power loss or conductor heading.
- **Self Extinguishing :** PVC merits make fire resistant qualities.
- **Impact Resistant :** Tijaria / Vikas PVC Electrical Conduit pipe is tough, durable & has tensile strength yet is easy to handle & install right on the job site.
- **Light Weight :** Tijaria / Vikas PVC Electrical Conduit pipe is very light weight, high strength, long life span, low cost, lower cost of installation & lower transportation cost.

Dimension Chart For

(All Dimensions in mm)

Nominal Diameter	Outside Diameter	Tolerance on OD	Inside Diameter		
			Light	Medium	Heavy
16	16	-0.3	13.7	13.0	12.2
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
63	63	-0.6	57.0	---	---



Properties of PVC :

Specification	PVC Electrical Conduit Pipe	Units
Specific Gravity	1.40-1.43	Grams / cm ³
Specific Heat	0.25	Kcal. / Kg. / °C
Thermal conductivity	0.13	Kcal. / Kg. / °C
Vicat Softening Temperature	Min. 79° C (At 5 Kg. Load)	°C
Tensile Strenght @ 20°C (Min.)	20	Mpa
Elongation (Min.)	80	%
Modules of Electricity	1200-1500	MPa
Hardness Shore (D)	85-90	--
Flammability	Self Extinguishing	--
Resistance to Heat	1.0	mm
Resistance to Burning	Max. 30	Sec.
Electrical Strenght	2000 V for 15 min.	Volt
Insulation Resistance	Min. 100 MΩ	MΩ

Vikas / Tijaria PVC Electrical Conduit Pipes are manufactured by compounding UPVC Resin along with chemicals such as heat stabilizers, Processing aids, lubricants, benzotriazole phosphite based U.V. Stabilizers, pigments and carbon black U.V. Stabilizer noticeably improves the light stability of UPVC prevents yellowing, imbrittlement and loss of mechanical strength.

: Dealer :

TIJARIA

Tijaria Polypipes Ltd.

(Formerly Tijaria Overseas Vinyl)

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E-mail : info@tijaria-pipes.com http:// www.tijaria-pipes.com

Branch :

Indore, Kota & Mumbai.

AN ISO 9001 COMPANY