

KELWIN/SHIVA

uPVC Conduit Pipes, SWR Pipes, Plumbing Pipes & Accessories

Casing-n-Caping



uPVC Conduit Pipes, SWR Pipes, Plumbing Pipes

SHIVA INDUSTRIES

Works : 155, Jhotwara Industrial Area, Jaipur - 302 012
Mobile : 9414050496 e-mail : info@shivaindustries.org
Web : www.shivaindustries.org

Dear Sir,

We would like to introduce ourselves as one of the leading manufacturer of uPVC conduit pipe, SWR Pipe, Plumbing Pipe and accessories in the country under the brand name "SHIVA" / "KELVIN" for electrical & plumbing purpose.

In this regard we are pleased to inform you that we possess license under IS 9537 part-3 and ISO 9001:2008. Further, we would like to inform you that we have state-of-the-art production setup with modern facilities and process control system and we also follow a strict quality plan and quality assurance system. All the input tests during the process and finally before the same is packed to ensure the consumer gets a right product. All these are possible with aid of our in house well equipped laboratory.

With this back ground we request you kindly recommend the use of "SHIVA" & "KELVIN" make uPVC conduit pipes, SWR Pipes & Fitting, Plumbing Pipe and accessories in your all ongoing & forthcoming projects.

For any further information please feel free to contact us to enable us serve you better.

Best Regards,

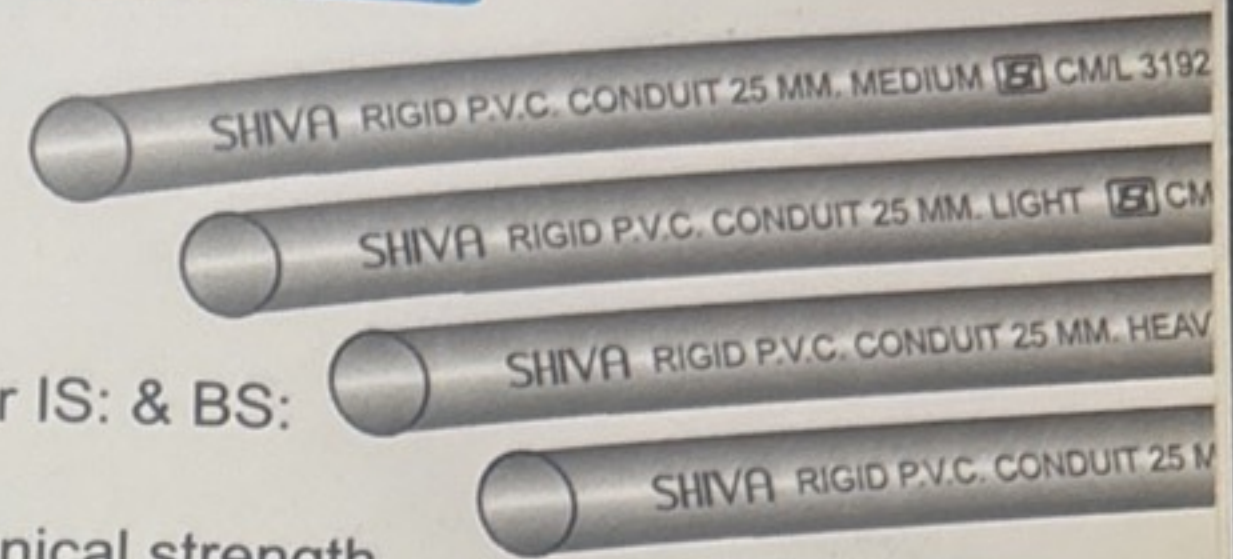
Shiva Industries

KELVIN/SHIVA

uPVC Conduit Pipes, SWR Pipes, Plumbing Pipes & Accessories



uPVC Conduit pipes & accessories



Salient Features

- ❖ Processed on twin screws give high impact strength.
- ❖ Minimum Filler ensures high impact strength.
- ❖ Adaptable to standard concealed wiring system as per IS: & BS:
- ❖ Most economical as compared to Steel Conduits.
- ❖ Unplasticised PVC Formulation to Improve the mechanical strength.
- ❖ UV Stablised.

Mechanical Properties

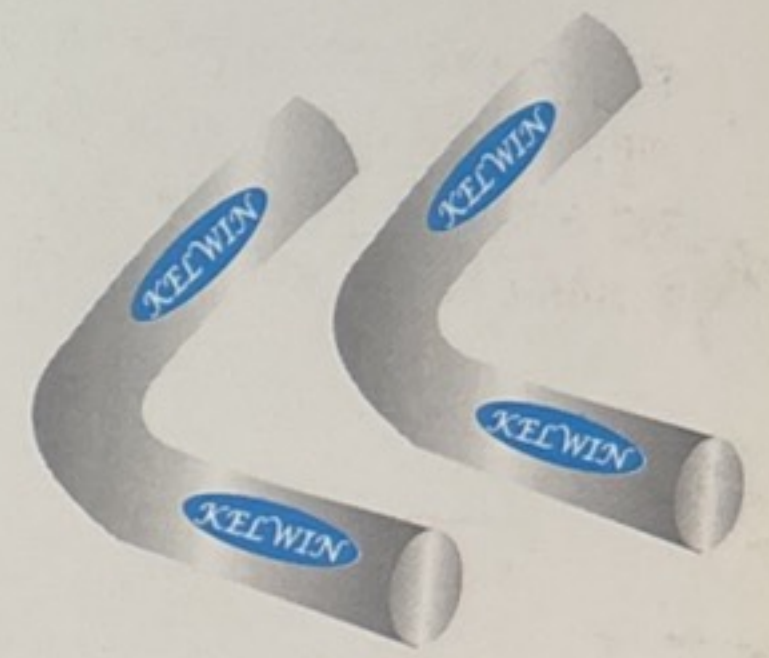
- ❖ Percentage of Compression with specified load not exceed 25%
- ❖ Percentage of Compression After Removal load not exceed 10%
- ❖ High Impact Strength.
- ❖ Bending Test & Collapse Test

Electrical Properties

- ❖ Dielectrical Strength = 36 Kv/mm
- ❖ Specific Resistance = 6.0×10^{14} ohm cm
- ❖ Electric Strength = No breakdown at 2 Kv x 50 Hz. for 15 minutes

Thermal Properties

- ❖ Working Temp. = 70⁰c
- ❖ Burning rate = Self Extinguishing
- ❖ Flammability = UL94V-0
- ❖ Flame Die cut Time = Less than 30 seconds



DIMENSIONS

Minimum Internal Diameter

S.No.	Normal Size (in mm)	Outside Diameter (in mm) Maximum	Outside Diameter (in mm) Minimum	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
5	50	50	49.50	45.10	44.30	43.20
6	63	63	62.40	57.10	-	-



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

मानक चिन्ह लगाने की अनुज्ञप्ति (लाइसेंस)
Licence for the use of STANDARD MARK

अनुज्ञप्ति (लाइसेंस) सं. सीएम/एल- 3192656

LICENCE NO. CM/L - 3192656

1. यह ब्यूरो. भारतीय मानक ब्यूरो अधिनियम, 1986 (1986 का 63) द्वारा प्रदत्त शक्तियों के आधार पर

मैसर्स शिवा इण्डस्ट्रीज,
155, झोटवाडा औद्योगिक क्षेत्र,
जयपुर (राजस्थान)-302012

को (जिसे इसमें आगे 'अनुज्ञप्तिधारी' कहा गया है), इसकी प्रथम अनुसूची के पहले कालम में दिखाए गए मानक चिन्ह का उपयोग करने को अनुज्ञप्ति (लाइसेंस) प्रदान करता है। इस मानक चिन्ह का उपयोग ऐसी वस्तु पर/प्रसंस्करण के संबंध में किया जायेगा जिसका उल्लेख इसकी उक्त अनुसूची के दूसरे कालम में किया गया है। वह वस्तु/प्रसंस्करण उक्त अनुसूची के तीसरे कालम में उल्लिखित संबंधित भारतीय मानक के अनुसार विनिर्मित होगी/के अनुरूप होगा।

I. By virtue of the power conferred on it by the BUREAU OF INDIAN STANDARDS ACT, 1986(63 of 1986) the BUREAU hereby grants to

M/s Shiva Industries
155, Jhotwara Industrial Area,
Jaipur (Rajasthan) - 302012

(hereinafter called 'the licensee') this licence to use the Standard Mark set out in the first column of the First Schedule hereto, upon or in respect of the article/process set out in the second column of the said Schedule which is manufactured in accordance with/conforms to the related Indian Standard(s) referred to in the third column of the said Schedule as from time to time amended or revised.



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

Jaipur Branch Office

Address : Manak Bhawan, Prithviraj Road
C-Scheme
Jaipur
302005

Phones : 01412223282, 83

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Web : http://www.bis.org.in

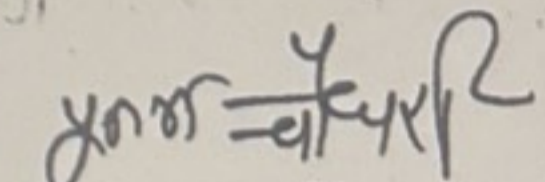
ATTACHMENT TO LICENCE NO. CML/- 2663159

<u>CML NO</u>	<u>NAME OF THE LICENSEE WITH ADDRESS</u>	<u>PRODUCT</u>	<u>IS NO</u>
2663159	M/s Shiva Industries 155, Jhotwara Industrial Area, Jaipur Rajasthan 302012	Upvc pipes for soil and waste discharge systems inside buildings including ventilation and rainwater system	IS 13592 : 2013

ENDORSEMENT NO. 3 Dated 23/02/16

Renewed for a further period of one year from Fifth February Two Thousand and Sixteen to Fourth February Two Thousand and Seventeen.

Other terms and conditions of Licence remain the same.


(Poonam Choudhary)

Sc"B"

**OFFICE OF THE ADDITIONAL CHIEF ENGINEER (ELECT.), PWD,
RAJ., JAIPUR**

No. 79

Dated: 27.4.2016

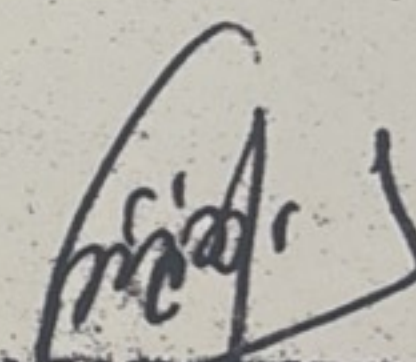
M/s. Shiva Industries,
5th Floor, Akash Deep Complex No. 4,
Near Rajdeep Hotel, Bapu Bazar, Jaipur - 302003.

Sub.: Approval of upgradation of your product in Electric BSR 2013.
Ref.: Your application dt. 13.01.2016.

This is to inform you that the brand name "Shiva" for the product "PVC Conduit IS : 9537 P-III" manufactured by you is herewith upgraded from Group-2 to Group-1 in group classification of chapter E-02 of PWD Electric BSR 2013.

The approval is issued for one year subject to satisfactory performance of the product.

This bears the approval of competent authority.


(JAGAT SINGH MEENA)
Additional Chief Engineer (Elect.),
PWD, Raj., Jaipur

No.

Dated:

Copy to following for information and necessary action:-

1. Chief Engineer & Addl. Secy., PWD, Rajasthan, Jaipur.
2. Additional Chief Engineer, PWD, Elect. Zone, Jodhpur.
3. Superintending Engineer, PWD, Electric Circle, Jaipur/ Jodhpur/ Udaipur/ Kota.
4. Executive Engineer, PWD, Electric Dn., (All).

sd-
(JAGAT SINGH MEENA)
Additional Chief Engineer (Elect.),
PWD, Raj., Jaipur

SHIVA SWR Pipes

SHIVA uPVC SWR Pipes are manufactured in accordance with Bureau of Indian Standards Specifications IS:13592 with latest amendment. SHIVA manufacture uPVC SWR Pipes in 40mm, 50mm, 75mm, 90mm, 110mm & 160 mm nominal diameters in Type – A.

SHIVA Ultra Violet Radiation Resistant uPVC SWR pipes are complete set of two basic varieties SELFIT & Ring-O-Socket.

These pipes are available in the standard lengths of 3 mtr and 6 mtr with Single and Double sockets. The pipes are available in 2, 4 and 6 feet lengths also for plumber ease and convenience. Varied lengths can be manufactured according to customer requirements.



APPLICATION :

- SHIVA uPVC SWR systems are suitable for Soil, Waste and Rain Water disposals.
- Individual Homes, Apartments.
- High-rise buildings.
- Commercial complexes and Offices.
- Schools, Colleges and Hostels.
- Hotels and Hospitals.
- Airports, Railway stations and Bus terminals.
- Industrial and Chemical disposal.

FEATURES :

- S.W.R. Pipes are Strong and Durable. These are unaffected by weather conditions, termite, bacteria and fungus growths.
- Easy to Handle and light in weight, therefore easy to join.
- Smooth internal surface which implies low frictional loss. Hence power consumption is on lower side.
- Leak proof due to close dimensional tolerance and precision design.
- Fire resistant and non conductor of electricity.
- Resistant to Rust, UV radiation & Most of the chemicals.
- Cost effective and long lasting.
- No breakage and free from rusting and unaffected by environmental stress.
- Colored Require no painting.

SHIVA PVC Plumbing Pipes

SHIVA rigid PVC Plumbing Pipes are manufactured with high grade PVC resin k-67 grade with suitable stabilizers and chemicals. It stands in high pressure in water supply.

Specifications :

Colour : White & Blue.

Pipe : Similar to ASTM-D-1785 Schedule 40, 80 & 120.

Threads : As per GI Pipe.

Temperature : upto 80°C .

Sizes: 15mm (0.5") to 100mm (4").



APPLICATIONS :

Building Construction: These Pipes are useful for water connections to bathrooms, kitchen sinks, washbasins and laboratories. It can be used in commercial complexes, individual homes, flats, offices, hotels, hospitals and transport terminals.

Portable Water Supply: It can be used in commercial complexes, individual homes, flats, offices, hotels, hospitals and transport terminals.

Industrial Applications: Distribution of milk, chemicals and gases in dairies, plants and industrial estates. In agriculture, telecommunication, irrigation projects etc.

FEATURES :

- Durable, strong and breakage free.
- Smooth internal surface. do not allow any deposit formation which implies better flow.
- Have high precision trapezoidal threads which ensure easy joining.
- Resistant to: corrosion & rusting, chemical formation, scale formation, biological formation.
- These are fire resistant and have good electric insulation.
- Have smooth internal surface which implies low frictional loss. Hence power consumption is on lower side.
- These are free from breakage and environmental stress, which make it a lifetime investment.
- The pipes are very economical as reasonably priced, long lasting and maintenance free.

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