

**PRODUCTS
THAT LASTS
LONGER...**



POWER PLAST[®]

RIGID CONDUITS AND ACCESSORIES



www.powerplast.in

About Us

Power Plast started its journey in the PVC industry with a clear vision of addressing the void in terms of quality that the market was witnessing. We realized it well that the customers are not satisfied enough with the standard of the products. In this regard, we came up with a thoroughly strategy to kick-start the process, and the process of enhancing the product with time is going on. Ultimately, we are determined to win the trust of customers regarding quality. From business perspective, we have always been the believers of maintaining an enduring relationship with client base. This is also the reason behind the enthusiasm with which we keep on working towards the betterment of quality. At the same time, Power Plast has always been a believer of producing larger variety to the user to select from.



VISION

We at Power Plast started our journey with the vision of being the most explicit name in PVC pipe industry and we have been moving on the right track crossing one milestone after the others. At the same time, we are vouched to meet perfection both in terms of product quality and service standards.

MISSION

Since the day one of the quests, we have been on the mission of designing, developing and distributing the best standard piping solution at the most cost effective budget.

OUR TEAM

We have a team of highly qualified Operators, Engineers and Graduates working tirelessly to give the best quality products at optimum pricing. Our sales and after sales service is regarded the best in the industry and this is contributed entirely by our Lab operation, accounts, sales and manufacturing Team.

Our Esteemed Customers

We convert business into relations. We believe quality is remembered.

We ensure satisfaction of our clients.

			 Nagarjuna Construction Company Limited	 BUILT ON TRUST
		 INFRASTRUCTURE PVT.LTD. Cementing Dreams since 1988 An ISO 9001:2008, 14001:2004, OHSAS 18001:2007 Certified Company	 ADARSH DEVELOPERS	 ISO 9001:2015 COMPANY
		 VALUE & BUDGET HOUSING CORPORATION PVT LTD	 MAHAVEER First Hands & Honest Practices	 PROPERTY LETTINGS & MANAGEMENT
	 SIPANI RITZY. POETIC. URBANE	 SOWPARNIKA Delivering Happiness	 MOHAN GROUP concrete steps to the future An ISO 9001:2008 & ISO 14001:2004 Company	
		 MAHENDRA HOMES We first build trust	 Anand Group Builders & Developers Since 1997	 Habitat habitatventures.com
 Griha Mitra Constructions	 LEGACY BUILDERS EARNED TRUST. EXPECTED QUALITY.	 Mahidhara PROJECTS PVT. LTD. HYDERABAD•CHENNAI•BENGALURU	 Dayananda Sagar University Bengaluru	 INSPIRA BUILDERS INSPIRED BY LIVING.

Approved by the consultant Design Tree

Approved: K.S.P.H.C
(Karnataka State Police Housing and
Infrastructure Development Corporation Limited)



APPLICATIONS

Channelizing concealed and surface wiring. Telecommunication and cable ducting.

Dimensions of Round Conduits

(as per {IS:9537 (Part3)})

NORMAL SIZE	OUTSIDE DIAMETER	TOLERANCE ON OUTSIDE DIAMETER	INSIDE DIAMETER (Min)		
			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

TEST TYPE AS PER IS-9537 ISI PART-3 FRLS

QUALITY ASSURANCE

The pipes are tested as per IS:9537 Part:3 for following tests in house.

VISUAL INSPECTION

Inspected for any visual defects like scratch, Damage, Surface Finish, color and shine.

CHECKING OF DIMENSIONS TEST
COMPRESSION TEST
BENDING TEST
IMPACT TEST
COLLAPSE TEST
RESISTANCE TO BURNING

ELECTRICAL CHARACTERISTICS
OXYGEN INDEX TEST
TEMPERATURE INDEX TEST
SMOKE INDEX TEST
RESISTANCE TO HEAT

SALIENT FEATURES

- Wrinkle free bending assures smooth passing of wire
- Smooth surface finish for enhanced aesthetics
- Offer more value for money as compared to the steel / aluminium conduits
- Corrosion proof finish offers complete protection from rust, salinity and humidity
- Uniformity of wall thickness
- Light weight and easy to transport and handle
- Offer good mechanic at protection for the resident cables
- Longer operational as well as shaft life as compared to the metal conduits
- Self extinguishing PVC materials offers added { time resistance }
- Each batch is tested through computerized laboratory



SIZE	PRODUCT TYPE	STANDARD PACKING	CUSTOM SIZE
mm	(in meters)	(in Units)	
19	LMS (LIGHT MECHANICAL STRESS)	300 mtr.	100
19	MMS (MEDIUM MECHANICAL STRESS)	300 mtr.	100
19	HMS (HIGH MECHANICAL STRESS)	300 mtr.	100
20	LMS (LIGHT MECHANICAL STRESS)	300 mtr.	100
20	MMS (MEDIUM MECHANICAL STRESS)	300 mtr.	100
20	HMS (HIGH MECHANICAL STRESS)	300 mtr.	100
25	LMS (LIGHT MECHANICAL STRESS)	150 mtr.	50
25	MMS (MEDIUM MECHANICAL STRESS)	150 mtr.	50
25	HMS (HIGH MECHANICAL STRESS)	150 mtr.	50
32	LMS (LIGHT MECHANICAL STRESS)	150 mtr.	25
32	MMS (MEDIUM MECHANICAL STRESS)	150 mtr.	25
32	HMS (HIGH MECHANICAL STRESS)	150 mtr.	25
40	LMS (LIGHT MECHANICAL STRESS)	75 mtr.	25
40	MMS (MEDIUM MECHANICAL STRESS)	75 mtr.	25
50	LMS (LIGHT MECHANICAL STRESS)	45 mtr.	15
50	MMS (MEDIUM MECHANICAL STRESS)	45 mtr.	15



QC AT POWER PLAST

Classification

Rigid Plain Conduits made of insulating material i.e. PVC in different stresses.

Construction

The inside and outside surface of the conduit is smooth, free from burs, flash and similar defects.

Impact Test

There is no sign of disintegration or crack on impact testing after conditioning and fall of mass of hammer from a specified height

Bending Test

Conduits of 20 and 25 mm does not show any crack after testing the sample on bending upto 180 on a bending device at room temperature.

Collapse Test

The specified gauges passes through the conduit to check the minimum I.D in case of conduit of diameters 20 and 25 mm



Manufacturing Facilities

We have manufacturing facilities in Bangalore, Karnataka.

CERTIFICATIONS

CERTIFICATE OF BIS



ಭಾರತೀಯ ಮಾನಕ ಬ್ಯೂರೋ
भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

PAN No. : AAATB0431G
GSTIN : 29AAATB0431G1Z7

ಬೆಂಗಳೂರು ಶಾಖಾ ಕಾರ್ಯಾಲಯ
Bengaluru Branch Office

ಪೀನಾ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಪಹಲಿ ಸ್ಟೇಜ್,
ತುಮಕೂರು ರೋಡ್, ಬೆಂಗಳೂರು - 560 058.
Peenya Industrial Area, 1st Stage,
Tumkur Road, Bengaluru - 560 058

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Fax

REGISTERED A.D

ಹಮಾರಾ ಸಂದರ್ಭ / Our Ref: BNBO/L - 6200123179

ದಿನಾಂಕ / Dated: 1/7/2020

ವಿಷಯ / Subject : RENEWAL OF CERTIFICATION MARKS LICENCE NO. CML - 6200123179
AS PER IS 9537 (Part 3) : 1983

✓ M/s. POWER PLAST
No. 414/461A, Srinivasa Nagar,
Sreegandhada Kavalu, Viswaneedam Post,
Distt: Bangalore Urban
Karnataka 560091

Dear Sir,

With reference to your application for renewal of the above mentioned Certification Marks Licence, we are pleased to inform you that it has been renewed from 05/02/2020 to 04/02/2021

It may please be noted that your licence shall expire at the end of the above mentioned period. You are, therefore, requested to send your application for its renewal at least two months before the expiry of the licence.

The endorsement sheet regarding renewal of licence is enclosed. This may be annexed to the original licence document available with you.

You are also requested to subscribe to our monthly Technical Journal 'Standards India' and also make use to publicise your product through advertisement. The details of the advertisement charges and subscription rates are available in our website.

ಧನ್ಯವಾದ/Thanking you.

ಭವದೀಯ/ Yours faithfully,

JESSY BENNY
Scientist-F & HEAD

ಸಂलग्न / Encl : As above

मुख्यालय : मानक भवन, 9 बहादुरशाह ज़फर मार्ग, नई दिल्ली 110 002
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CERTIFICATE OF BIS



भारतीय मानक ब्यूरो
(भारतीय मानक, गुण एवं सार्वजनिक वितरण विभाग के अंतर्गत, भारत सरकार)
BUREAU OF INDIAN STANDARDS
(Ministry of Consumer Affairs, Food & Public Distribution, Government of India)
बेंगलूरु शाखा कार्यालय
BENGALURU BRANCH OFFICE

पीन्या इन्डस्ट्रियल एरिया, पहली स्टेज,
तुमकुर रोड, बेंगलूरु - 560 058
Peenya Industrial Area, 1st Stage,
Tumkur Road, Bengaluru - 560 058
फोन / Phone : 080-28394955, 28394956
फैक्स / Fax : +91 080 28388841
ई-मेल / E-mail : triso@bis.gov.in
वेबसाइट / Website : www.bis.gov.in

ENDORSEMENT FOR CHANGE (S) IN THE LICENCE

ATTACHMENT TO LICENCE NO. CML/- 6200123179

CML/NO	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	IS NO.
6200123179	POWER PLAST No. 414/461A, Srinivasa Nagar, Sreegandhada Kavalu, Viswaneedam Post, Distt: Bangalore Urban Karnataka 560091	Conduits for electrical installations: Part 3 Rigid plain conduits of insulating materials (superseding IS:2509)	IS 9537 (Part 3) : 1983

ENDORSEMENT NO. 2 Dated 1 JULY 2020

Whereas, the licence was valid upto 04/02/2020

Now, consequent upon renewal, the validity of the licence given in the Schedule of the Original Licence has been extended from **Fifth February Two Thousand and Twenty to Fourth February Two Thousand and Twenty One**

Other terms and conditions of Licence remain the same.


(JESSY BENNY)
Scientist-F & HEAD



CERTIFICATE OF BIS

For any other communication

Address: Bengaluru Branch Office-
Peenya Industrial Area, 1st
Stage, Bengaluru - Tumkur
Road, Banglore, BANGALORE
RURAL,KARNATAKA,560058

Phone: 080-28394955, 28394956 ,
28396324

Fax: 08028398841

E-Mail: bnbo@bis.gov.in

Web: www.bis.org.in,
www.manakonline.in

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 6200123179

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
6200123179	Powerplast -no-414/461a srinivasanagar , sreegandhadakavalu viswaneedam post karnataka , Bangalore : 560091	Conduits for electrical installations: Part 3 Rigid plain conduits of insulating materials (superseding IS:2509)	IS 9537 : PART 3 : 1983

Endorsement No. 5 Dated 24-Jan-2023

Whereas, the licence was valid upto Fifth February Two Thousand Twenty Three.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 04-FEB-2023 has been extended from Fifth February Two Thousand Twenty Three to Fourth February Two Thousand Twenty Four

Other terms and conditions of licence remain same.

Branch Head (Bengaluru Branch Office)

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002. ,9 Bahadur Shah Zafar Marg, ,DELHI,110002

Contact No: +91 11 23230131,
23233375, 23239402

Fax: +91 11 23234062, 232

Email: info@bis.gov.in


CERTIFICATE OF CPRI

CENTRAL POWER RESEARCH INSTITUTE



TEST REPORT

Test Report Number : DMDPOL13G0087.
Dated : 25.07.2013.
Name & Address of the Customer : M/s. S. S. Polymer Industries,
No. 46/115B, Shreegandhakavalu,
Sunkadakatte, Vishwaneedam Post,
Bangalore - 560091.
Customer Reference & Date : DCCD(FRLS), dtd. 18.07.2013.
Name & Address of the Manufacturer : -do-
Particulars of Sample tested : "Power Plast" Brand FRLS PVC Conduit Pipe.
Condition of Sample on Receipt : New
Type : Nil
Designation : "Power Plast" Brand FRLS PVC Conduit Pipe.
Serial No. : Nil
No. of Samples tested : One only.
Sample(s) received on : 19.07.2013.
Date(s) of Test(s) : 19.07.2013.
CPRI Sample Code No. : DCCDFRLS13S0058
Particulars of tests conducted : Halogen Acid Test.
Tests in accordance with standard/Specification : As per IEC 60754-1/2011
Sampling Plan : ----
Customer's requirement : Halogen Acid Test as per IEC 60754-1/2011
Deviation if any : Nil
Name of the witnessing persons
Customer's Representatives : None
Other than customer's representatives : None
Test Subcontracted with address of the laboratory : None
Documents constituting this report (in words) :
Number of sheets : Three only.
Number of Oscillogram/s : Nil
Number of graphs : Nil
Number of photos : Nil
Number of Test Circuit Diagrams : Nil
Number of Drawings : Nil


(Dr. P. Thomas)
Test Engineer




25/7/13
(V.V. Pattanshetti)
Joint Director

"Sheet 1 of 3"

SHIELD YOUR HOME AGAINST ELECTRICAL HAZARDS
AND GET 360 DEGREE PROTECTION FOR YOUR FAMILY



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GSTIN : 29BEXPS3278A1ZV

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