Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

AN IS:ISO 9001:2015/14001:2015/CE/CERTIFIED COMPANY

24

YEARS OF EXPERIENCE

PREMIUM QUALITY PRODUCTS | ADVANCED TECHNOLOGY | TRUSTED BY MILLIONS | PAN INDIA PRESENCE

ABOUT COMPANY

Rex Pipes and Cables Industries Limited, with its Rex brand, has been incorporated in 2002 which was earlier known by Kaler Electricals Private Limited with a motto to manufacture excellent quality pipes with unique skill, continual technological up gradation, professional management, testing & persistent dedication. Rex Pipes & Cables Industries Ltd. has today evolved into one of the world's leading manufacturers for PVC & HDPE pipes, a leading and respected brand in the Plastic sector as well as trusted manufacturer for Bus & Coaches. In India, we are a preferred manufacturer of choice for our customers.

The moving spirit behind Rex Group is its professionally qualified promoters, having vast experience of more than 2 decades. In such a short span of time we have become the No.1 choice of our customer and we assure to knock the international market very soon. We manufacture our products under the brand name "REX". The brand "REX" is the hall mark showcasing the entire product range encompassing uPVC pipes, HDPE pipe, Cables, fittings and Bus & Coaches & abundance of accessories, brand 'REX' soon attracted the quality conscious and cruised its way to become the frontline brand. Our manufacturing units are spread in several acres of land housing the state of art world renowned European extruders and logistics support and material handling equipment. The current capacity of the company is to be producing around 20000 Metric Ton of finished goods per annum. The production capacity is achieved by our dynamic REX team who with his business foresightedness and acumen has created impressive records of performance

Rex emerges as one of India's leading manufacturers in the field of PVC insulated electrical wires. The company spread their manufacturing units across Sikar and Palsana. We are keen on bringing out quality products and thoroughly aim at customer's satisfaction. Today, Rex Group of industry has metamorphosed into a national entity as a complete innovation for its own type of manufactured products. The company has established itself as an innovative leader for quality manufacturing by continuously upgrading its technology, modernizing manufacturing facilities and maintaining highest standards of quality and services. Every manufactured product is checked for highest quality and endurance under any given conditions. The cables are manufactured using bright annealed electrolytic grade copper 99.99% pure, manufactured in- house and is insulated with virgin grade PVC, manufactured by Rex Industries.

On 10 August 2021, Rex went public on NSE SME Emerge, opening its Initial public offering and got the recognition of becoming 1st Company of Shekhawati getting its shares listed on Stock Exchange.



24 YEARS OF EXPERIENCE

ABOUT COMPANY

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

Leadership Through Enterprise

We have the installed capacity of **485 MT/Month** in PVC Pipe and **2500 MT/Month** in HDPE Pipe as on date and are working for expansion for more Production Capacity. Leadership Through Enterprise An acknowledged leader of India's Plastic Industry. The Rex Pipe and Cables Industries Ltd. is the pioneer in introducing various path breaking products in the country. The company has a valuable experience in providing innovative products at affordable cost. The group processes around 10,0000 tones of polymers annually and likely to exceed 1,50,000 tones by the year 2023-24, volumes that makes it one of the largest polymer convertors in the country. True to its mantra, "Yatnam Kuryadanuttamam", The Rex has left no stone unturned to provide advanced quality products. Complementing to the powerful manufacturing network, a huge amount of our efforts and resources are invested in innovations, designing new products, quality and excellent services to give our clients the best experience ever. Rex's exhaustive product portfolio includes Rigid uPVC Pipes, Elastomeric Seal Ring Fit uPVC Pipes, Selfit uPVC Pipes, Ring Fit & Selfit SWR PVC Pipes, Plumbing Pipes, uPVC Casing Pipes, Solvent Cement uPVC Pipes HDPE Pipes- High Density Polyethylene Pipes, HDPE Sprinkler System, HDPE Coil, PVC Electrical Conduit Pipe, Single Core Flexible Home Wire, Three Core Flat Cable. Plastic piping products form a key part of Rex's product portfolio. These products helps to cater almost every conceivable need and application requirements in water management, plumbing, drainage, sewerage and sanitation sector. Today, Rex products are used by the satisfied customers not just in India but across the globe; and the group is connected to everyone in one way or the other.



LARGE SCALE MANUFACTURING CAPACITY

CONTINUOUS INNOVATION & DEVELOPMENT

PREMIUM QUALITY & RELIABLE PRODUCTS

CONNECTED ACROSS INDIA & WORLDWIDE

24 YEARS OF EXPERIENCE

ABOUT COMPANY

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

ACCREDITATIONS AND RECOGNITIONS

License and Approvals

Product License issued by Bureau of Indian Standards and ICL:-

HDPE Pipe CML/ No. 3299876, IS 4984:2016 (Issued by BIS)

Sprinkler Irrigation System CML/ No. 8400128114, IS 17425:2020 (Issued by BIS)

PVC Pipe CML/ No. 3299977, IS 4985:2021 (Issued by BIS)

Cables CML/ No. 8400082108, IS 694:2010 (Issued by BIS)

Certificate No. 305022111112E (Issued by QRO)

Certificate No. 305022111111Q (Issued by QRO)











24 YEARS OF EXPERIENCE

ABOUT COMPANY

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

GOVT. APPROVALS AND RECOGNITIONS

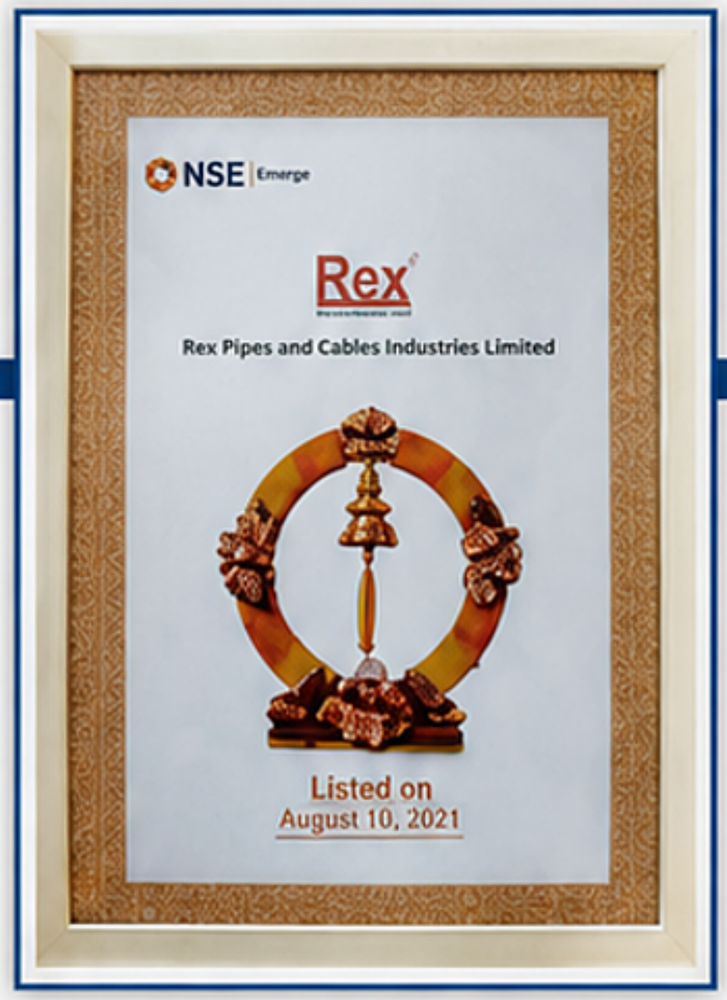


भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER	UDYAM-RJ-20-0136677
NAME OF ENTERPRISE	REX PIPES AND CABLES INDUSTRIES LIMITED
TYPE OF ENTERPRISE	MEDIUM
MAJOR ACTIVITY	MANUFACTURING
SOCIAL CATEGORY OF ENTREPRENEUR	GENERAL
NAME OF UNIT(S)	NAME OF PROPRIETOR(S) REX PIPES AND CABLES INDUSTRIES LIMITED
OFFICIAL ADDRESS OF ENTERPRISE	Flat/Door/Block No. E-416,E-417 · Name of Premises/Building · RIICO Industrial Area Village/Town Chopanki · Block — Road/Street/Lane RIICO Industrial Area, Bhiwadi · City Bhiwadi State RAJASTHAN · District ALWAR · Pin 301019 Mobile 9351749393 · Email info@rexgroup.co
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	21/03/2002
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	21/03/2002
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	Div. · NIC 2 Digit · NIC 4 Digit · NIC 5 Digit · Activity 1 · 22 : Manufacture of rubber and plastics · 2220 : Manufacture of plastic products · 22209 : Manufacture of other plastic products n.e.c. · Manufacturing
DATE OF UDYAM REGISTRATION	15/03/2023

For any assistance, you may contact:



NSE | Emerge

Rex®

Rex Pipes and Cables Industries Limited

Listed on
August 10, 2021



RPCIL AWARDED BY
Factory Safety Awards - RaFAB 2022

STATE SAFETY AWARD-2022
(Large Scale - Manufacturing)

REX PIPES AND CABLES INDUSTRIES LIMITED, Bhar
(RJ302317)

for their participation in Factory Safety Awards - Raf(AJH), 2022 and their performance in health, safety & environment management in their factory and contribution towards incident free workplace.

www.rpcl.com



Government of India
Form GST REG-06
[See Rule 10(1)]

Department of Financial Services
Directorate of Registration & Statistics
Maharashtra, Mumbai

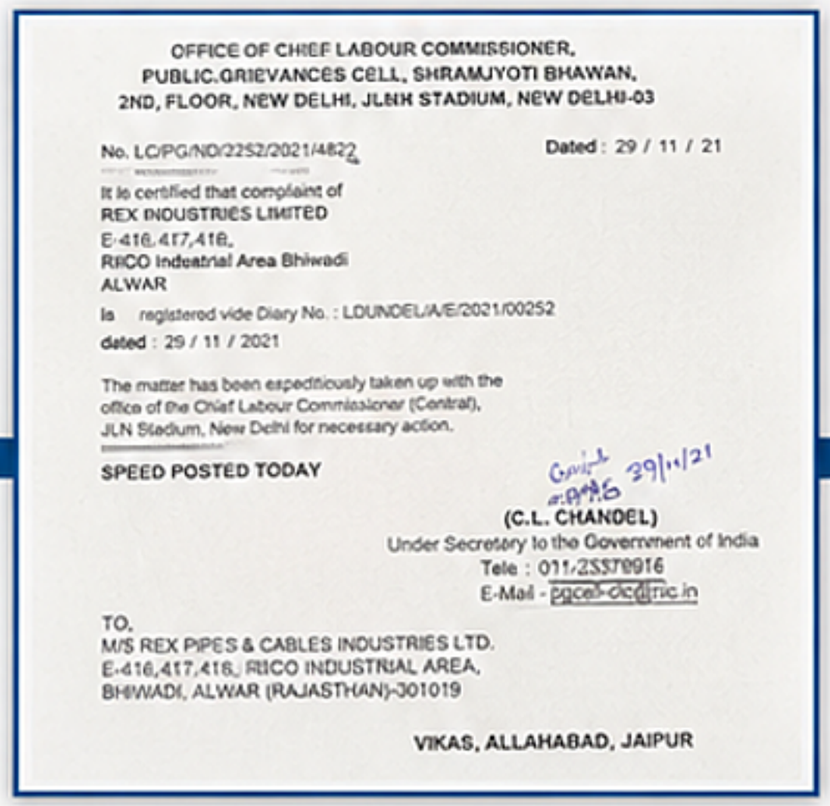
BUSINESS REGISTRATION NUMBER (BRN)

Name of Firm / Establishment / Enterprise	REX PIPES AND CABLES INDUSTRIES LTD.
BRN Type	New Registration - (Under 10 Employees)
BRN Number	800527920170001389
Registration Date	December 05, 2017
Valid Till	-

BRN : 800527920170001389

Software Courtesy : Tata Consultancy Services Ltd. Date : 17-Aug-2018

More Business If Profitable, More BRN



OFFICE OF CHIEF LABOUR COMMISSIONER,
PUBLIC GRIEVANCES CELL, SHRAMJYOTI BHAWAN,
2ND, FLOOR, NEW DELHI, JLNH STADIUM, NEW DELHI-03

No. LC/PG/ND/2252/2021/4822 Dated : 29 / 11 / 21

It is certified that complaint of
REX INDUSTRIES LIMITED
E-416, 417,416,
RIICO Industrial Area Bhiwadi
ALWAR

is registered vide Diary No. : LDUNDEL/A/E/2021/00252
dated : 29 / 11 / 2021

The matter has been expeditiously taken up with the office of the Chief Labour Commissioner (Central), JLN Stadium, New Delhi for necessary action.

SPEED POSTED TODAY

29/11/21

(C.L. CHANDEL)
Under Secretary to the Government of India
Tele : 011/23370916
E-Mail - pgcell-clc@nic.in

TO,
M/S REX PIPES & CABLES INDUSTRIES LTD.
E-416,417,416, RIICO INDUSTRIAL AREA,
BHIWADI, ALWAR (RAJASTHAN)-301019

VIKAS, ALLAHABAD, JAIPUR



Form-4
(See Rule 4 and Rule 6)

REGISTRATION CERTIFICATE FOR SHOP & FACTORY

(See Rule 4)

Registration No. : RJ/6/BHW/21 Dated : 03/08/2021 10:27:35
Name of the Establishment : REX PIPES AND CABLES INDUSTRIES LIMITED
Address of the Establishment : E-416, 417, 416, RIICO INDUSTRIAL AREA, BHIWADI
Description of the Establishment : MANUFACTURING OF PVC PIPES & CABLES

This is to certify that the above mentioned establishment has been registered under the Rajasthan Shops and Establishments Act, 1958 and the Rules made thereunder.

Signature with Seal of Registering Authority

DATE : 03/08/2021
PLACE : BHIWADI

This is system generated certificate hence doesn't require signature.

Labor Welfare Fund Officer	Sr. No. of Reg.	Date of Reg.	Signature of Issuing Officer
BHIWADI	RJ/6/BHW/21	03/08/2021	NARENDRA KUMAR YADAV

24 | YEARS OF EXPERIENCE

ABOUT COMPANY

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

GOVT. APPROVALS AND RECOGNITIONS

Office of The Electricals Engineer, PHED Division Jodhpur (North), Jodhpur
(Water Supply Sub Division Pali)
Certificate

Performance Certificate

This is to certify that the items listed below manufactured and supplied by M/s. Rex Pipes and Cables Industries Ltd, E-416, F-417, RIICO Industrial Area, Chopanki, Bhiwadi, Alwar Distt., (Rajasthan)-301 019 have been tested for physical and chemical analysis in the laboratory of this office and found as per IS specification at par mentioned below:-

S. No.	Item	IS Specification No.	Size	Class
Rex uPVC Pipes		1 IS:4985:2021	20 mm	Class - 6
		2 IS:4985:2021	25 mm	Class - 6
		3 IS:4985:2021	32 mm	Class - 6
		4 IS:4985:2021	40 mm	Class - 6

Sd/-
(N.K. Saini)
Asstt. Electricals Engineer
PHED Sub Division
Pali

Sd/-
(C.L. Meena)
Electricals Engineer
PHED Division
Jodhpur (North)

Office of The Electricals Engineer, PHED Division Jodhpur (North), Jodhpur
(Water Supply Sub Division Pali)
Certificate

Performance Certificate

This is to certify that the items listed below manufactured and supplied by M/s. Rex Pipes and Cables Industries Ltd, E-416, F-417, RIICO Industrial Area, Chopanki, Bhiwadi, Alwar Dist. (Rajasthan)-301 019 have been tested for physical and chemical analysis in the laboratory of this office and found as per IS specification at par mentioned below:-

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		3 IS:4985:2021	32 mm	Class - 6
		4 IS:4985:2021	40 mm	Class - 6

Sd/-
(N.K. Saini)
Asstt. Electricals Engineer
PHED Sub Division
Pali

Sd/-
(C.L. Meena)
Electricals Engineer
PHED Division
Jodhpur (North)

GOVERNMENT OF ASSAM
[illegible]
:: KOKRAJHAR :: B.T.A.D. (ASSAM) ::

No. M/196/2012-13/724 Dated:- 19/10/2012

FINAL PERFORMANCE CERTIFICATE

This is to certify that M/s. REX PIPES & CABLES INDUSTRIES LTD. having its registered office at E-416, F-417, RIICO Industrial Area, Chopanki, Bhiwadi, Alwar Distt., (Rajasthan)-301 019 has executed the [illegible] during the financial year 2011-2012 satisfactory to my/our entire satisfaction as per details desilte enrolment below:

1. Name of the Firm/Contractor : M/s. REX PIPES & CABLES INDUSTRIES LTD.
2. Name of Work : Supply of Rigid PVC Pipes and Fittings in different site as per SI. 4350 (CDW0) and 4010 uPVC Pipes and Fittings as per IS: 4985, 2000). See enclosed sheets.
3. Period of Contract : 25/05/2011 to 18/04/2012
4. Value of Contract : Rs. 44,72,705.00 (Forty Four Lacs Seventy Two thousand seven hundred) only.
5. Performance of the Firm/Contractor : Satisfactory
6. On account of any reason if contract was terminated early mentioning the reason : No
7. Any other information : NIL

TERMS & CONDITIONS:

1. This certificate is issued on the basis of satisfactory completion of supply of Rigid PVC and SWR (uPVC) Pipes & Fittings [illegible]
2. Nothing extra other than the agreed contract price has been paid.
3. Certificate will hold good provided that the information furnished by the contractor is found correct.
4. This certificate does not absolve the contractor from his responsibilities and obligations towards any other Department/Authority.
5. No Financial Claim whatsoever pending.
6. This certificate is issued for participation in tender only.
7. This certificate does not mean any recommendation.
8. This certificate is issued without prejudice.
9. This certificate does not make the contractor eligible for any claim whatsoever or guarantee that same performance will be expressed during subsequent supplies.
10. This certificate is subject to evaluation / adjustment for any other claim against the tender.
11. This certificate will be revoked and cancelled if any of the above conditions is not fulfilled.

Office of The Electricals Engineer, PHED Division Jodhpur (North), Jodhpur
(Water Supply Sub Division Pali)
Certificate

Performance Certificate

This is to certify that the items listed below manufactured and supplied by M/s. Rex Pipes and Cables Industries Ltd, E-416, F-417, RIICO Industrial Area, Chopanki, Bhiwadi, Alwar Distt., (Rajasthan)-301 019 have been tested for physical and chemical analysis in the laboratory of this office and found as per IS specification at par mentioned below:-

S. No.	Item	IS Specification No.	Size	Class
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		3 IS:4985:2021	32 mm	Class - 6
		4 IS:4985:2021	40 mm	Class - 6

Sd/-
(N.K. Saini)
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PHED Sub Division
Pali

Sd/-
(C.L. Meena)
Electricals Engineer
PHED Division
Jodhpur (North)

Government of India
Ministry of Micro, Small & Medium Enterprises
Udyam Registration Certificate

UDYAM REGISTRATION NUMBER

UDYAM-JK-08-0004254

NAME OF ENTERPRISE	REX PIPES AND CABLES INDUSTRIES LIMITED
TYPE OF ENTERPRISE	MEDIUM
MAJOR ACTIVITY	MANUFACTURING
SOCIAL CATEGORY OF ENTREPRENEUR	GENERAL
NAME OF UNIT(S)	REX PIPES AND CABLES INDUSTRIES LIMITED
OFFICIAL ADDRESS OF ENTERPRISE	E-416, F-417, RIICO Industrial Area, Chopanki, Bhiwadi, Tehsil - Alwar, District - Alwar, (Rajasthan), Pin - 301 019, India
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	24/12/2002
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	24/12/2002
NATIONAL INDUSTRY	Manufacture of plastic pipes, fittings and profiles
CLASSIFICATION CODE(S)	24324 - Manufacture of plastic pipes, fittings and profiles
DATE OF UDYAM REGISTRATION	24/06/2020

For any assistance, you may contact:

1. District Industries Centre: ALWAR (RAJASTHAN)
2. MSME-DFO: JAIPUR (RAJASTHAN)

24 | YEARS OF EXPERIENCE

QUALITY POLICY

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

> We strive for strict Quality Control, Timely and Consistent service, Constant Improvisation and above all, Customer Satisfaction.

> We believe that quality consists of timely supply and meeting customer's requirement. We believe in doing things correct, from the very first attempt.

MISSION | VISION | VALUES

MISSION

- To produce world - class quality products ensuring robust National Infrastructure.
- Development and making India the preferred sourcing hub for Global Infrastructure needs.
- To become leader in plastic pipe production by creating the highest quality products that is preferred and most trusted.

VISION

- To continue to add value-added products and services to its portfolio.
- To continue to focus on sectors of transportation and water as per contemporary global demands.
- To continue to tap newer geographies to add to the existing market.
- To ensure the greater scale and technology, the greater longevity of product, and introduce more efficient technologies for a longer duration of existence.
- To reduce carbon footprints, and evolve towards reduced consumption of hydrocarbons and Nonconventional and renewable energy sources.

VALUES

- Customer First
- Integrity
- Passion for Excellence
- Respect for Individuals

24 | YEARS OF EXPERIENCE

TABLE OF CONTENT

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

WATER PRODUCT

1. Rigid U-PVC Pipes
2. Elastomeric Seal Ring Fit U-PVC Pipes
3. Sel fit U-PVC Pipes
4. Ring Fit & Sel fit SWR PVC Pipes
5. Plumbing Pipes
6. U-PVC Casing Pipes
7. HDPE Pipes- High Density Polyethylene Pipes
8. HDPE Sprinkler System
9. HDPE Coil



POWER PRODUCT

10. Single Cores Flexible Home Wire
11. Three Core Flat Cable
12. PVC Electrical Conduit Pipe
13. PVC Electric Tap



24 | YEARS OF EXPERIENCE

WATER PRODUCTS

Rex®

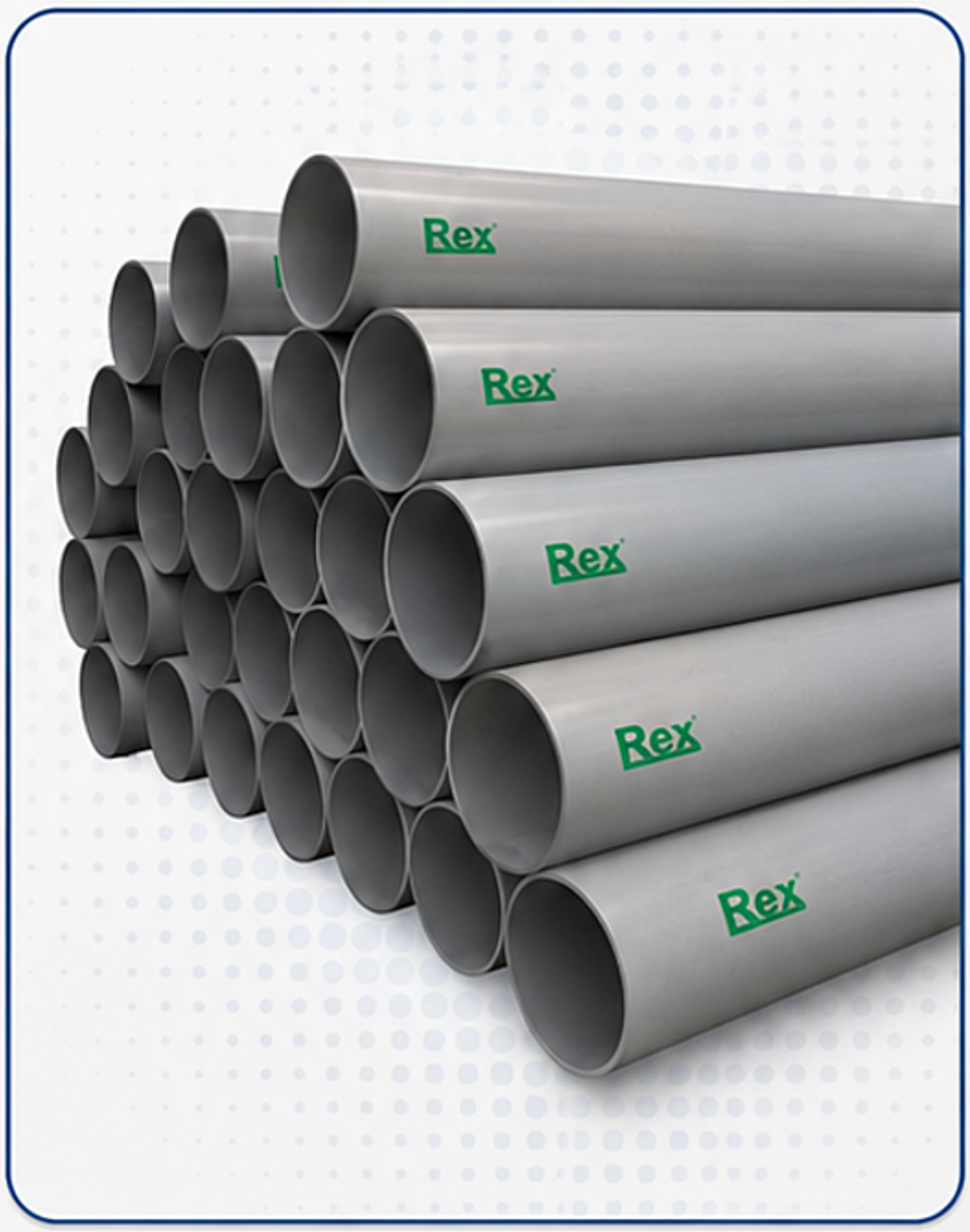
PIPES • CABLES • IRRIGATION • BUS BODY

REX Rigid u-PVC Pipes (IS 4985:2021 with Latest Amendment)

We have the installed capacity of 485 MT/Month. Avail from us supreme quality of Rigid PVC Pipes, which is manufactured as per IS 4985:2021 standards. Our Rigid PVC Pipes are made from un-plasticized Poly Vinyl Chloride, Suspension Grade, K Value 67, which is perfectly blended with suitable chemicals. The Rigid PVC Pipes are widely popular in the market owing to their high durability and top-class performance. High Quality Rigid PVC Pipes are manufactured as per Specification No IS 4985:2021 of the Bureau of India Standards.

FEATURES:

- Light weight, Strong, Flexible, Durable.
- High Electrical Resistance, Low Thermal Conductivity, Hygienic.
- Energy saving due to smooth inner surface for better discharge.
- Anti corrosive in nature, Fire Resistant
- High tensile strength, Termite proof
- UV resistant, Leak Proof.



PRODUCT RANGE

- 20mm to 400mm in 2.5,4,6,8 & 10 kg/cm²

SPECIFICATIONS:

- Self socket at one end & Plain at another end
- Fits easily without needing couplers (Solvent Cement Joint)
- Solvent cement joint is permanent, strong and trouble-free.



24 | YEARS OF EXPERIENCE

WATER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

DIMENSION OF UPVC PIPES (AS PER IS 4985:2021)

SIZE IN MM	CLASS 1 2.5kg/cm²		CLASS 2 4.0kg/cm²		CLASS 3 6.0kg/cm²		CLASS 4 8.0kg/cm²		CLASS 5 10.0kg/cm²		CLASS 6 12.5kg/cm²	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
20	–	–	–	–	–	–	–	–	1.10	1.50	1.40	1.80
25	–	–	–	–	–	–	1.20	1.60	1.40	1.80	1.70	2.10
32	–	–	–	–	–	–	1.50	1.90	1.80	2.20	2.20	2.70
40	–	–	–	–	1.40	1.80	1.80	2.20	2.20	2.70	2.80	3.30
50	–	–	–	–	1.70	2.10	2.30	2.80	2.80	3.30	3.40	4.00
63	–	–	1.50	1.90	2.20	2.70	2.80	3.30	3.50	4.10	4.30	5.00
75	–	–	1.80	2.20	2.60	3.10	3.40	4.00	4.20	4.90	5.10	5.90
90	1.30	1.70	2.10	2.60	3.10	3.70	4.00	4.60	5.00	5.70	6.10	7.10
110	1.80	2.20	2.90	3.40	3.40	5.00	5.60	6.40	6.90	8.00	8.50	9.80
140	2.00	2.40	3.20	3.80	4.80	5.50	6.30	7.30	7.70	8.90	9.50	11.00
160	2.30	2.80	3.70	4.30	5.40	6.20	7.20	8.30	8.80	10.20	10.90	12.60
180	2.60	3.10	4.20	4.90	6.10	7.10	8.00	9.20	9.90	11.40	12.20	14.10
200	2.90	3.40	4.60	5.30	6.80	7.90	8.90	10.30	11.00	12.70	13.60	15.70
225	3.30	3.90	5.20	6.00	7.60	8.80	10.00	11.50	12.40	14.30	15.30	17.60
250	3.60	4.20	5.70	6.50	8.50	9.80	11.20	12.90	13.80	15.90	17.00	19.60
280	4.10	4.80	6.40	7.40	9.50	11.00	12.50	14.40	15.40	17.80	19.00	21.90
315	4.60	5.30	7.20	8.30	10.70	12.40	14.00	16.10	17.30	19.90	21.40	24.70
355	5.1	5.9	8.1	9.4	12.0	13.8	15.8	18.2	19.6	22.6	24.1	27.80
400	5.8	6.7	9.1	10.5	13.5	15.6	17.8	20.5	22.0	25.3	27.2	31.30



24 | YEARS OF EXPERIENCE

WATER PRODUCTS

Rex®

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REX ELASTOMERIC SEAL RING FIT U-PVC PIPES
(IS 4985:2021 WITH LATEST AMENDMENT)

The UPVC pipes are extremely useful and are most suitable for any kind of plumbing system because of their lead free nature. These pipes are easy to install and are cost-effective solutions for distribution of potable water. These pipes are technically superior and offer versatile performance for different usages. Designed as per the modern industrial standards, these are immune to any kind of harmful chemical reactions of acids and other organic chemicals.



PRODUCT RANGE

- 63mm to 250mm in 2.5,4,6,8 & 10 kg/cm²
  - Available in 6 Meters length.

APPLICATION

- Domestic use for portable water supply.
- Industrial use for disposal of chemical effluent and waste.
- Acid & Slurries transportation, Salt water handling.
- Agricultural uses for irrigation.
- Telecommunication cables ducting.

SPECIFICATIONS

- Ring Fit at one end
- Plain at another end
- Fits easily
- Available in 6 Meters length
- Available in 63mm to 400mm diameters
- Working Pressure: 2.5 kgf/cm², 4 kgf/cm²,6 kgf/cm², 8 kgf/cm², 10 kgf/cm², 12.5 kgf/cm².

NOMINAL OUTSIDE DIAMETER (mm)	OUTSIDE DIAMETER (mm)		CLASS 2 0.4 MPa		CLASS 3 0.6 MPa		CLASS 4 0.6 MPa		CLASS 5 10 MPa	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
63	63	63.3	1.5	1.9	2.2	2.7	2.8	3.5	3.5	4.1
90	90	90.3	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7
110	110	110.4	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1
125	125	125.4	2.9	3.4	4.3	5.0	5.6	6.4	6.9	8.0
140	140	140.5	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9
160	160	160.5	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2
180	180	180.6	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4
200	200	200.6	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7
225	225	225.7	5.2	6.0	7.6	8.8	10.0	11.5	12.4	14.3
250	250	250.8	5.7	6.5	8.5	9.8	11.2	12.9	13.8	15.9

24 | YEARS OF EXPERIENCE

WATER PRODUCTS

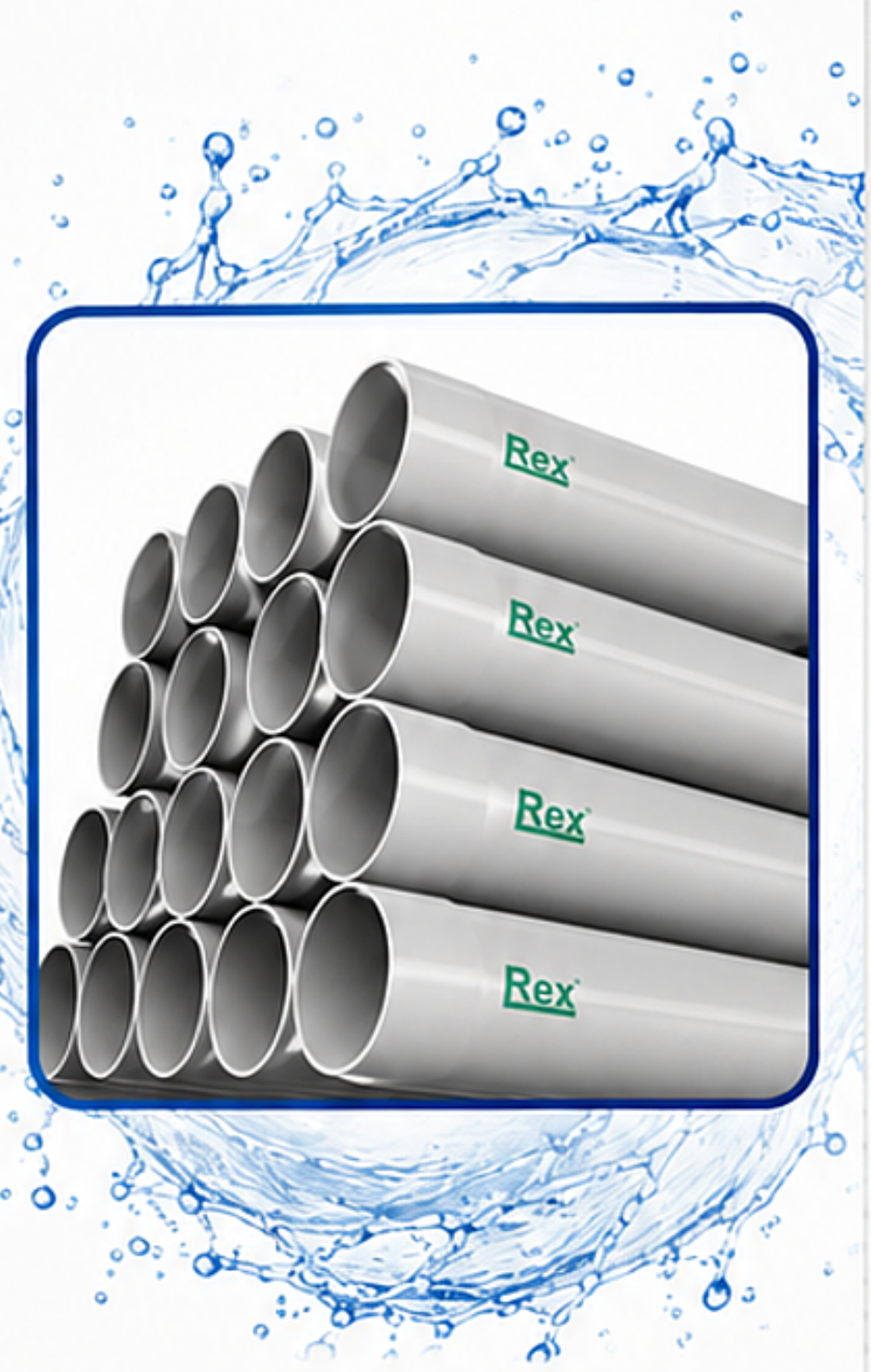
Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

REX SELFIT U-PVC PIPES (IS 4985:2021 WITH LATEST AMENDMENT)

FEATURES:

- Convenient push-fit joint. And Saves manpower.
- Jointing can be done during any time of the day under any weather conditions.
- Faster installation, immediate pressure testing and commissioning possible.
- Joints accommodate expansion and contraction.
- Joints are resistant to soil movement due to earthquake effects.
- The Elastomeric rings have properties matching to pipe with long shelf life.
- Available as per IS-4985, ISO-4422-2 and DIN- 8062



ADVANTAGE:

- Reliable leak proof joints
- Easy and convenient installation. No need of solvent cement.
- Corrosion, Chemical and Biological resistant. Ensures pure water flow.
- The rubber ring is termite resistant.
- Flexible. Can accommodate slight soil movement and also tolerate small gradients.
- Smoother bore in comparison to cement and GI pipes, which allows free flow of water.
- Light weight reduces the transportation cost, installation cost and handling costs.

DIMENSION CHART:

NOMINAL OUTSIDE DIAMETER (mm)	TOLLRANCE		CLASS-1 2.5 kgf/cm²		CLASS-2 4.0 kgf/cm²		CLASS-3 6.0 kgf/cm²		CLASS-4 8.0 kgf/cm²		CLASS-5 10.0 kgf/cm²	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20	20	20.3	-	-	-	-	-	-	1.1	1.5	1.1	1.5
25	25	25.3	-	-	-	-	-	-	1.2	1.6	1.4	1.8
32	32	32.3	-	-	-	-	-	-	1.5	1.9	1.8	2.2
40	40	40.3	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7
50	50	50.3	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3
63	63	63.3	-	-	-	-	1.8	2.2	2.8	3.3	3.4	4.1
75	75	75.3	-	-	-	-	1.8	2.2	3.4	4.0	3.6	4.9
90	90	90.3	1.3	1.7	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7
110	110	110.4	1.6	2.0	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1
125	125	125.4	1.8	2.2	2.5	3.0	4.3	5.0	5.6	6.4	6.9	8.0
140	140	140.5	2.0	2.4	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9
160	160	160.5	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2
180	180	180.6	2.6	3.4	4.6	5.3	6.1	7.9	8.9	9.2	9.9	11.4
200	200	200.6	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7
225	225	225.7	3.3	3.9	5.2	6.0	7.6	8.8	10.0	11.5	12.4	14.3
250	250	250.8	3.6	4.2	5.7	6.6	8.5	9.8	11.2	12.9	13.8	15.9
280	280	280.9	4.1	4.8	6.4	7.4	9.6	11.1	12.5	14.4	15.4	17.8
315	315	316.0	4.6	5.3	7.2	8.3	10.7	12.4	14.0	16.1	17.3	19.9
355	355	356.1	5.1	5.9	8.1	9.4	12.0	13.8	15.8	18.2	19.6	22.6
400	400	401.2	5.8	6.7	9.1	10.5	13.5	15.6	17.8	20.5	22.0	25.3

24 YEARS OF EXPERIENCE

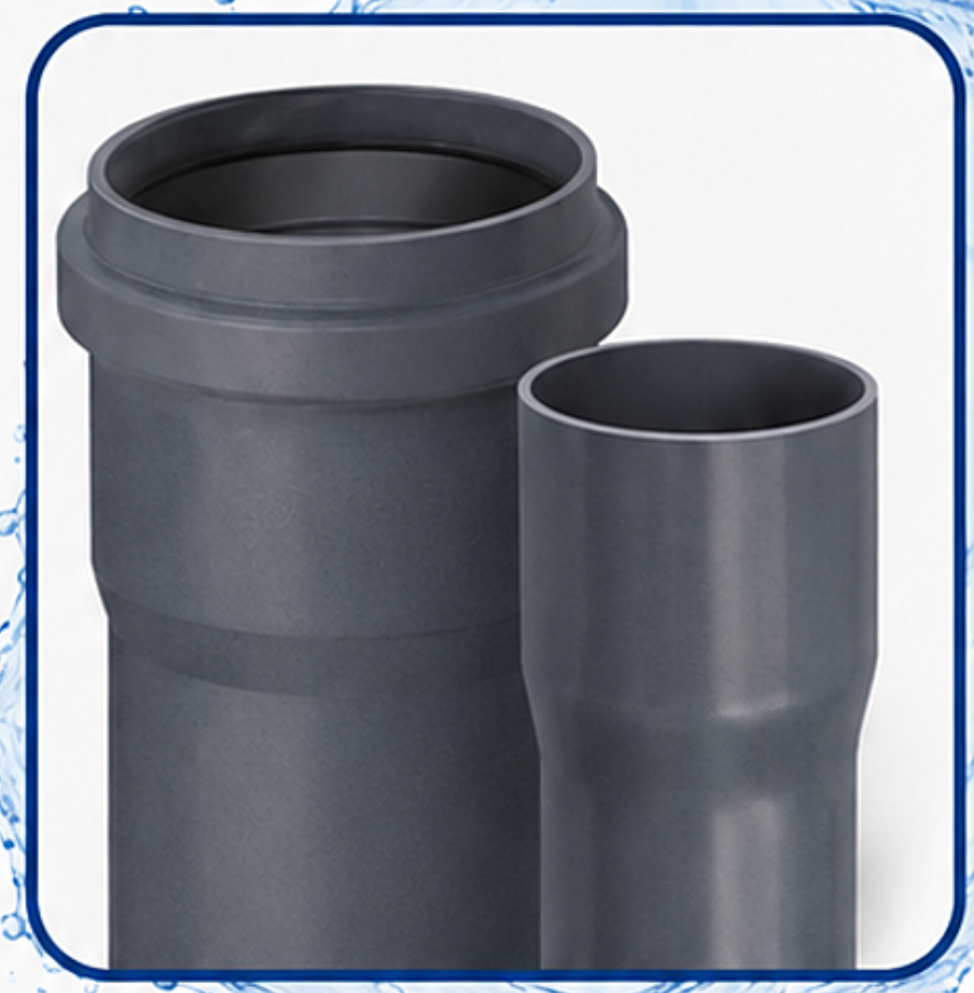
WATER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

REX RING FIT & SELFIT SWR PVC PIPES
(AS PER IS 13592 WITH LATEST AMENDMENT)

One end of the pipe is plain and other end is self socketed with an integral groove to hold the rubber gasket. When joined with a rubber ring, the joint formed is a trouble free, water tight one, ready to take care of thermal expansion/contraction.



PRODUCTS RANGE:

- 75mm to 160mm Diameter

FEATURES:

- Durable for hot waste water disposal.
- UV stabilized to ensure lifetime endurance.
- Smooth finish to ensure non choking system.
- Trouble free functioning saves on inspection and maintenance costs.
- Far superior when compared to conventional CI & AC systems.

ADVANTAGE:

- Protected from effects of UV-rays.
- Availability of full range of fittings for known purposes of use.
- Hygienic for conveying potable water.
- No sediment deposition and hence no reduction in cross-sectional area even after use of several years.

APPLICATION:

- Special treatment at compounding stage ensures that the product is immune to rodent attacks.
- Self extinguishing as it does not support combustion.
- There is no problem of clogging & choking up of drain because of smooth inner surface.
- Unaffected by a wide range of chemicals, these pipes & fittings are ideally suited for application.
- Constant contact with water does not affect the material. Weather resistant upto -5° to 70° ± 2°C

UV STABILIZED

TROUBLE FREE & WATER TIGHT

SMOOTH INNER SURFACE

CHEMICAL RESISTANT

LOW MAINTENANCE & COST EFFECTIVE

LONG LASTING PERFORMANCE

24 | YEARS OF EXPERIENCE

WATER PRODUCTS

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PIPES • CABLES • IRRIGATION • BUS BODY

Nominal diameter Dn	Mean outside diameter of pipe		Outside diameter of pipe at any point		Wall thickness	
	Min	Max	Min	Max	Min	Max
75A	75.00	75.30	74.10	75.90	1.80	2.20
75B	75.00	75.30	74.10	75.90	3.20	3.80
90A	90.00	90.30	88.90	91.20	1.90	2.30
90B	90.00	90.30	88.90	91.20	3.20	3.80
110A	110.00	110.40	108.60	111.40	2.20	2.70
110B	110.00	110.40	108.60	111.40	3.20	3.80
160A	160.00	160.50	158.00	162.00	3.20	3.80
160B	160.00	160.50	158.00	162.00	4.20	4.80

For Ringfit Socket

Inside Dia of Socket		Length of Beading & Neck	Length Beyond Beading
Min	Max	Min	Max
75.30	75.60	20.00	25.00
75.30	75.60	20.00	25.00
90.30	91.20	23.00	28.00
90.30	91.20	23.00	28.00
110.40	111.30	26.00	32.00
110.40	111.30	26.00	32.00
160.50	161.50	32.00	42.00
160.50	161.50	32.00	42.00

For Selfit Socket

Socket Depth	Mean ID of Socket at Mid Point	
	Min	Max
40	75.10	75.30
46	90.10	90.30
48	110.10	110.40
58	160.20	160.50



24 | YEARS OF EXPERIENCE

WATER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

REX PLUMBING PIPES

PRODUCT RANGE:

Size 20 mm (0.5") to 110mm (4")
(Available in SCH-40, SCH-80 & SCH-120)
Specifications followed: As per ASTM-D-1785

SPECIFICATIONS:

Properties remain unchanged upto temperature
600 C (continuously) and 900 C (for Short time.)
Size 20 mm (0.5") to 110mm (4")
(Available in SCH-40, SCH-80 & SCH-120)
Specifications followed: As per ASTM-D-1785



APPLICATIONS:

- **Building Construction-**
  These Pipes are useful for water connections to bathrooms, kitchen sinks, washbasins and laboratory.
- **Potable Water Supply-**
  It can be used in Commercial Complexes, individual homes, flats, offices, hotels, hospitals and transport terminals.
- **Industrial Application-**
  Distribution of Milk, Chemicals and gases in dairies, plants and industrial estates. In agriculture, telecommunication, Irrigation projects etc.
- **Installation-**
  Use of Teflon Tape recommended avoiding damage and subsequent leakage. Can also be jointed to metal pipes and fittings.
  No special equipment required. Lesser time-consuming than metal pipes.

CORROSION RESISTANT

LONG SERVICE LIFE

LEAK PROOF

EASY INSTALLATION

HIGH TEMPERATURE RESISTANCE

WIDE RANGE OF APPLICATIONS

Size (Inches)	Mean O.D.	SCHEDULE 40			SCHEDULE 80			Thread Length (+/-) 2mm	Thread Per inch. (Nos)
		Wall Thickness Min.	Wall Thickness Max.	Pressure Rating (Mpa)	Wall Thickness Min.	Wall Thickness Max.	Pressure Rating (Mpa)		
0.50	21.24	2.77	3.28	4.14	3.73	4.24	5.86	15.00	14
0.75	26.57	2.87	3.38	3.81	3.91	4.42	4.76	16.50	14
1.00	31.27	3.38	3.89	2.10	4.55	5.08	3.34	19.00	11
1.25	42.03	5.56	4.07	2.55	4.85	5.43	3.59	22.00	11
1.50	48.11	5.68	4.19	2.28	5.08	5.69	3.24	22.00	11
2.00	60.17	3.91	4.42	1.95	5.54	6.20	2.76	30.00	11
2.00	73.02	5.16	5.77	2.17	7.01	7.85	2.90	32.00	11
3.00	88.70	5.49	6.15	1.79	7.62	8.53	2.55	35.00	11
4.00	114.07	6.02	6.73	1.52	8.56	9.58	2.21	42.00	11

24 YEARS OF EXPERIENCE

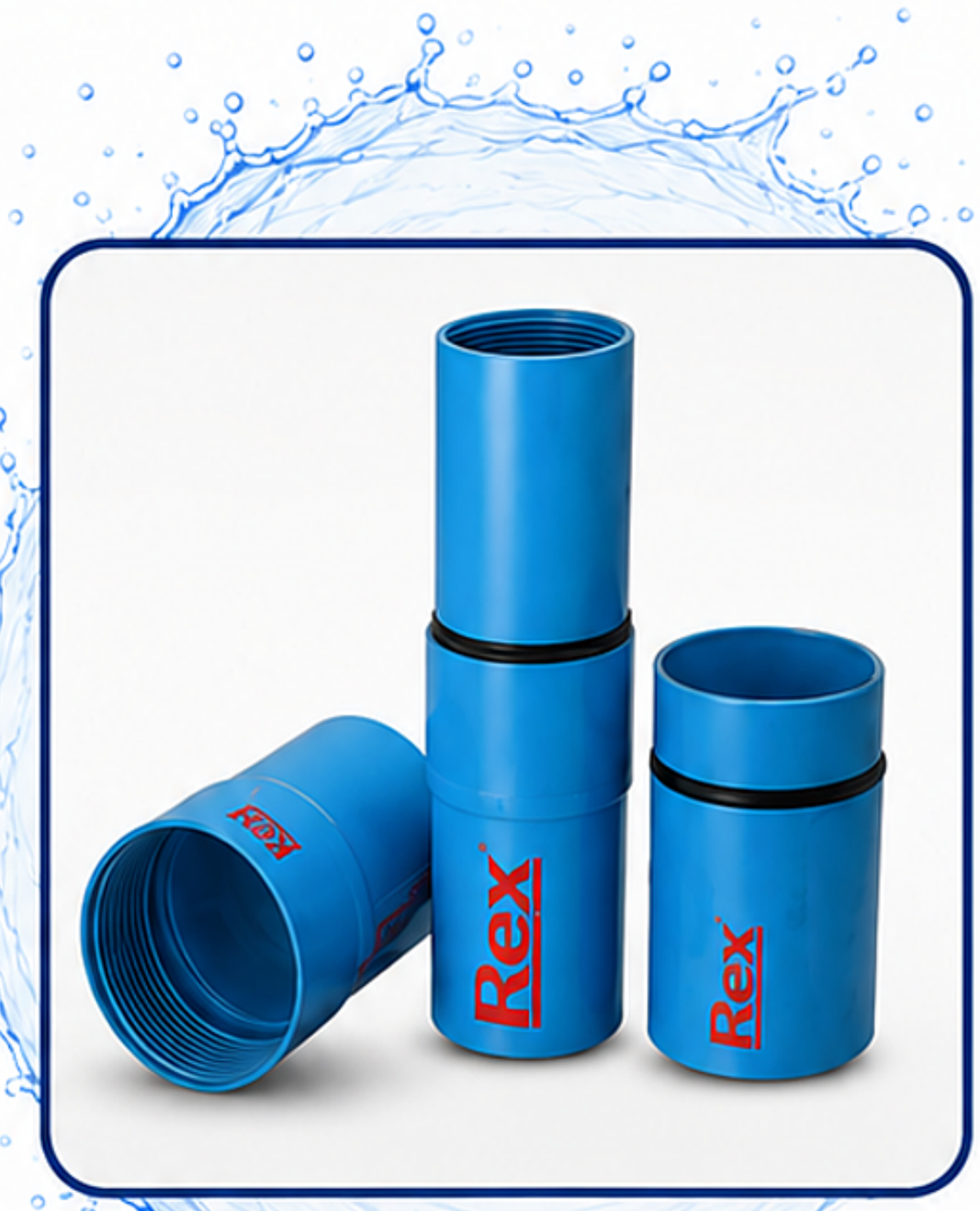
WATER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

REX UPVC CASING PIPES

uPVC Casing pipes are suitable for Tube well and bore well applications which ensure better flow of water and low frictional loss.



APPLICATIONS

- Domestic, Industrial & Agriculture Tube well and Bore well etc.

FEATURES

- Suitable for all type of soil.
- Maintenance free due to pipes is free from corrosion and resistant to chemical reaction and biological formation.
- Easy installation/joining because pipes having high precision trapezoidal threads and light in weight.
- Strong and durable because using advance technology during manufacturing with special raw materials.
- Power consumption reduces due to pipes having smooth internal surface which reduce friction loss.
- Resistant to chemicals reaction, bacterial growth, corrosion, Rusting etc.

COMPARISON & ADVANTAGES OF REX PVC PIPES OVER GALVANIZED, AC, & CAST IRON PIPES

PROPERTIES	REX PVC PIPE	GALVANIZED PIPE	AC PIPE	CAST IRON PIPE	ADVANTAGES OF REX PVC PIPES
Weight	Light	Heavy	Heavy	Very Heavy	Very light weight therefore easy in shifting & convention in joining
Surface	Very Smooth	Rough	Light Rough	Rough	Smooth surface gives 25 % more flow therefore smaller diameter pipe can be used thus economical
Length (Meters)	6	5 to 6	3 to 4	3 to 4	Available in full length so less joints and couplers thus that are economical
Flow	Initially 55% more flow	Initially flow get reduced due to rusting	Initial flow is 40% more	Initial flow reduced by time parses up to 50 %	Full and constant flow from initial stage which is 25 % more than GI Pipe
Effect of rust	No rust	Get rusted with time	No rust	Rapid rust formation	It is rust proof therefore long lasting
Accumulation of particles forming rust	No chances thus pipeline will remain same	Diameter reduce due to rust formation	Accumulation of particles does not occurs	Accumulation of particles is fast thus diameter reduce by time	Since diameter remains same it gives full flow



24 | YEARS OF EXPERIENCE

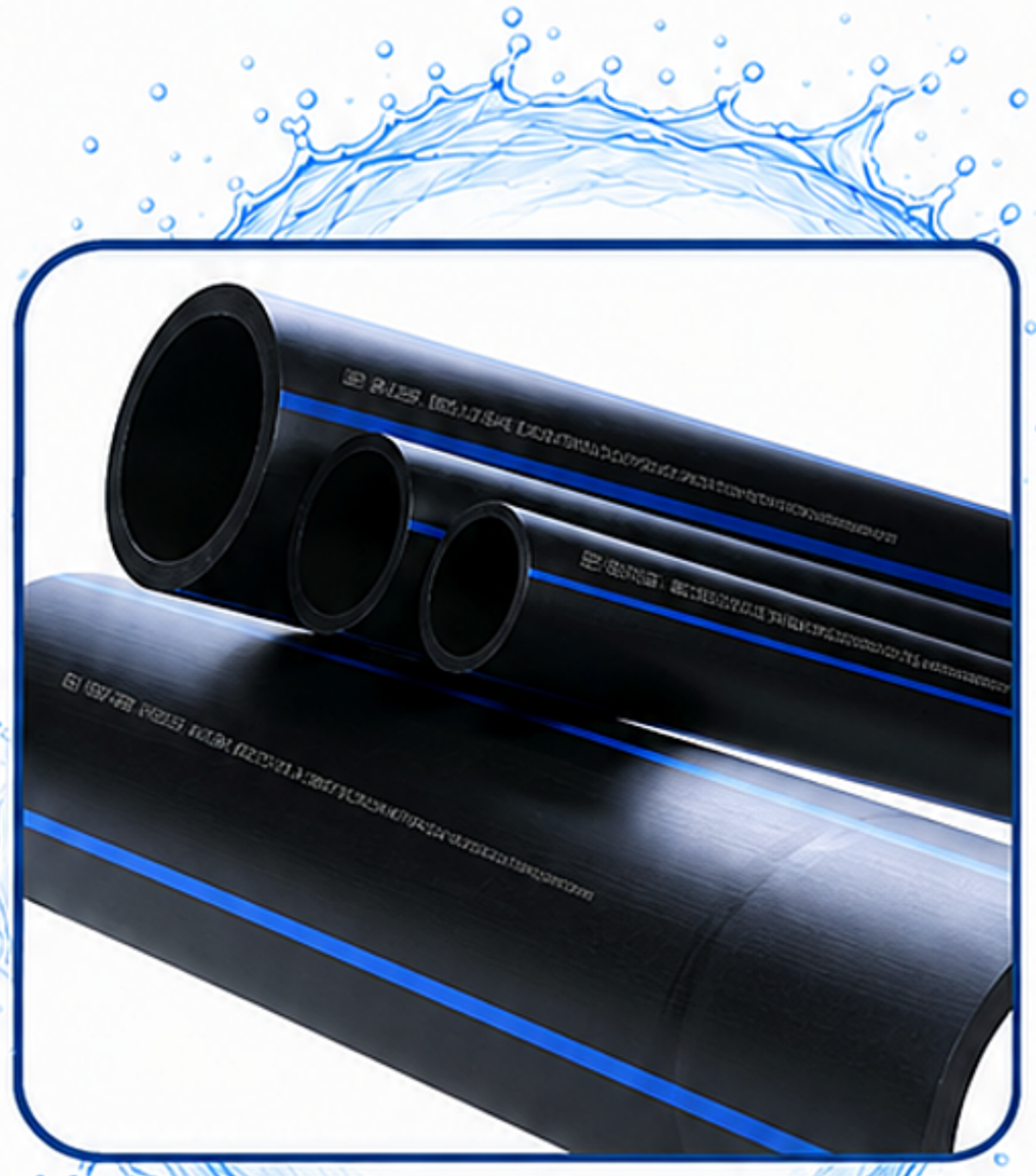
WATER PRODUCTS

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PIPES • CABLES • IRRIGATION • BUS BODY

REX HDPE PIPES- HIGH DENSITY POLYETHYLENE PIPES

(IS4984:2016 with Latest Amendment)



We have the installed capacity of 2500 MT/Month. REX HDPE Pipes are manufactured from High Density Polyethene Grade Material PE-63, PE-80, and PE-100 a most versatile material suitable for pipes. HDPE pipes are of low costs and high performance. The pipes are better substitute for costly Metallic and Non Metallic pipes like DI, CI, MS, GI, AC. HDPE Pipes are generally made black in color by addition of Carbon Black to protect from ageing & degradation due to ultraviolet sunrays. Pipes are manufactured in sizes from 20mm to 400mm Outside Diameter in all Classes/ Pressure Ratings as per IS:4984:2016 & IS:17425:2020 duly ISI marked. The pipes are available in Coil Form or Straight Lengths Depending on sizes and customer requirements.

PRODUCTS RANGE:

- 20mm to 400mm outer diameter in pressure class 2,5,4,6,8 & 10,12.5,16 kg/cm2 in PE-63, PE-80 and PE-100 grades.

ADVANTAGES:

- Light Weight
- Flexibility
- Toughness
- Chemically Inert
- Resistance to Abrasion
- Smooth Surface
- Corrosion Resistance
- Frost & Rodent Resistance
- Hygienic Safety
- Easy & Quick Installation

APPLICATIONS:

- Telephone Cable Ducttion
- Potable water supply
- Irrigation/Agriculture
- Sewerage & Drainage
- Slurry Transportation
- Gas Transmission
- Industrial Effluents
- Sprinkler System
- Chemical Industries
- Tube wells

SALIENTS FEATURES:

Strong and resilient-	–	H.D.PE Pipes are strong, resilient and impact resistant.
Light weight-	–	Are easy in handing, transportation & installation, even on difficult terrain.
Better Flow Characteristic-	–	There is no deposits formation so diameter of pipe remains the same and hence better flow.
Hygienic & Odorless-	–	There is no contamination as the pipes are resistant.
Energy saving-	–	• Scale formation • Chemical formation •Biological formation Have smooth internal surface which implies low frictional loss. Hence the power consumptions is on lower side.
Leak proof-	–	Are leak proof due to close dimensional tolerance & precision designing and joining.
Chemical Resistance-	–	Are totally inert to all the chemicals.

24 YEARS OF EXPERIENCE

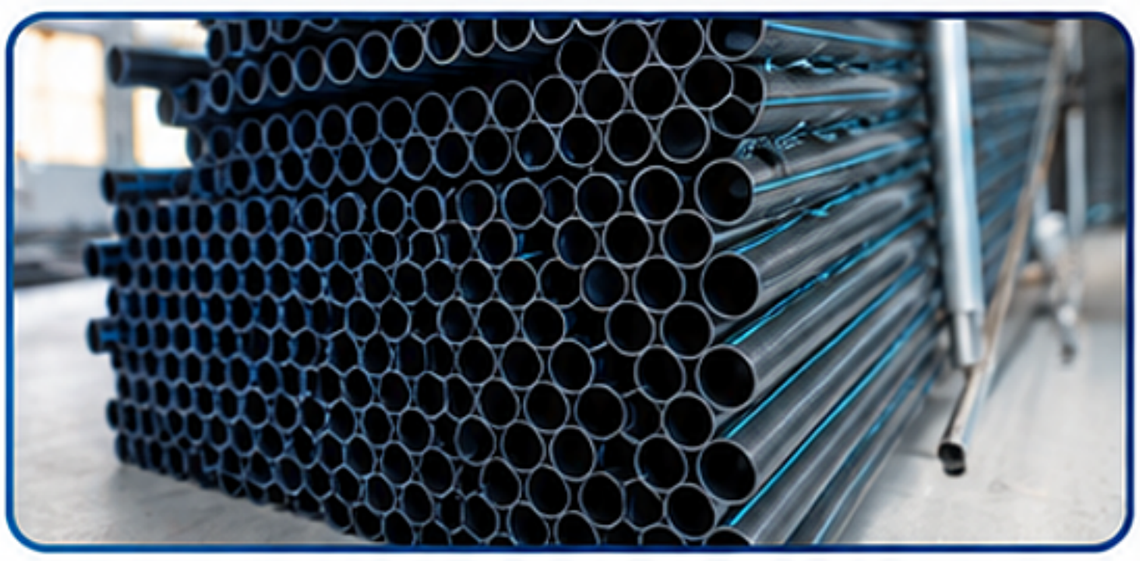
WATER PRODUCTS

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Comparison of REX range of HDPE PIPES WITH GI PIPES

	Rex HDPE PIPES	GI PIPES
Length	REX HDPE pipe are flexible and can be coiled. User gets single pipe as per his requirements. Hence no/less joints. Coils are available in different lengths.	GI pipes are available in 6m length. Threading is required to join pipes which are laborious, expensive and time consuming.
Size and Pressure	Wide range from 20mm to 400mm sizes with 2.5 to 16 kg/cm2 pressure rating.	Limited range compared to HDPE pipes.
Corrosion	Possesses excellent corrosion resistance to water, acids & alkalis.	Corrodes faster specially in water submergence.
Internal Surface	Smooth, surface offers very low frictional resistance. Resistance to encrustation/abrasion.	Offers resistance to flow due to less smoother surface which gets worse due to corrosion over a period of time.
Flexibility	Can take curvature up to a radius 25 times the pipe dia. Hence can be coiled.	No flexibility can be used in straight length.
Weight	It is approx. 4 to 5 times lighter then GI pipes for applications like suction & delivery pipes.	Heavier than HDPE pipes so its costly in transportation, installation & manpower
Maintenance & Life	Virtually mainatence free. The joints are 100% leak proof. Have a long life.	Requires mainatence frequently. Life is not more than five years
Installation	Easy as no special equipments are required. Submersible pumps can be installed in 1 hour time for depth more than 80m to 100m.	Cumbersome, chain pulley required apart from holding clamps. Takes almost 5 to 8 hours for depth of 80m to 100m.
Cost	Unit cost of delivered water is approx. 15 to 20% lower than GI up to 110mm size.	Unit cost of delivered water is more in GI pipes as compared to HDPE pipes.











24 YEARS OF EXPERIENCE

WATER PRODUCTS

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DIMENSION OF HDPE PIPES -1

SDR	SDR 41		SDR 33		SDR 26		SDR21		SDR 13.6	
PE 63 PE 80 PE 100	PN 2 PN 2.5 PN 3		PN 2.5 PN 3.2 PN 4		PN 3.2 PN 4 PN 5		PN 4 PN 5 PN 6		PN 5 PN 6 PN 8	
DN	**MIN**	**MAX**	**MIN**	**MAX**	**MIN**	**MAX**	**MIN**	**MAX**	**MIN**	**MAX**
16										
20										
25										
32							1.9	2.2	1.9	2.2
40							1.9	2.2	2.4	2.7
50					2.0	2.3	2.4	2.7	3.0	3.4
63					2.5	2.9	3.0	3.4	3.7	4.2
75	1.9	2.2	2.3	2.6	2.9	3.3	3.6	4.1	4.5	5.1
90	2.2	2.5	2.8	3.2	3.3	4.0	4.3	4.8	5.3	5.9
110	2.7	3.1	3.4	3.8	4.3	4.8	5.9	6.7	6.5	7.3
125	3.1	3.5	3.8	4.3	4.8	5.4	6.0	6.7	7.4	8.2
140	3.5	4.0	4.3	4.8	5.4	6.0	6.7	7.5	8.3	9.2
160	3.9	4.6	4.9	5.5	6.7	6.9	7.7	8.6	9.5	10.6
180	4.4	4.9	5.5	6.2	7.0	7.8	8.6	9.8	10.6	11.8
200	4.9	5.5	6.1	6.8	7.7	8.6	9.8	10.7	11.8	13.8
225	5.5	6.2	6.9	7.7	8.2	9.7	10.5	12.0	13.3	14.7
250	6.1	6.8	7.6	8.5	9.7	10.2	12.0	13.3	14.7	16.3
280	6.9	7.7	8.5	9.5	10.1	12.0	13.4	14.8	16.5	18.3
315	7.7	8.6	9.6	10.7	12.2	13.5	15.0	16.6	18.6	20.6
355	8.7	9.7	10.8	12.0	13.7	15.2	16.9	18.7	20.9	23.1
400	9.8	10.9	12.2	13.5	15.4	17.0	19.1	21.1	23.6	26.1



24 YEARS OF EXPERIENCE

WATER PRODUCTS

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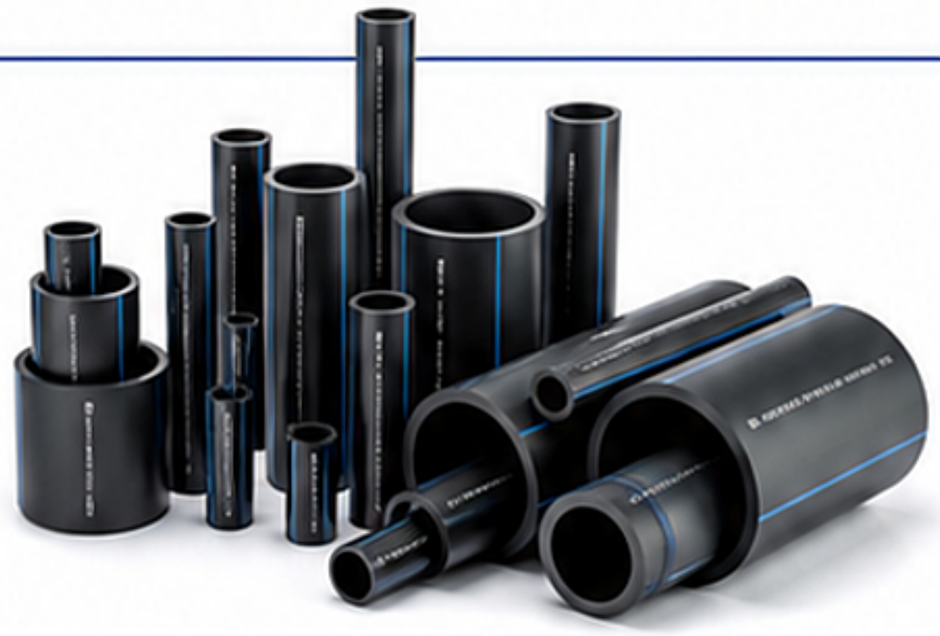
PIPES • CABLES • IRRIGATION • BUS BODY

DIMENSION OF HDPE PIPES -2

SDR	SDR 41		SDR 33		SDR 26		SDR21		SDR 13.6	
PE 63 PE 80 PE 100	PN 6 PN 8 PN 10		PN 8 PN 10 PN 12.5		PN 12.5 PN 16		PN 16 PN 20		- PN 20 -	
DN	**MIN**	**MAX**	**MIN**	**MAX**	**MIN**	**MAX**	**MIN**	**MAX**	**MIN**	**MAX**
16					1.8	2.1	2.2	2.5	2.7	3.1
20			1.9	2.2	2.3	2.6	2.7	3.1	3.4	3.8
25	1.9	2.2	2.3	2.6	2.8	3.2	3.4	3.8	4.2	4.7
32	2.4	2.7	2.9	3.3	3.6	4.1	4.4	4.9	5.4	6.0
40	3.0	3.4	3.7	4.2	4.5	5.1	5.4	6.0	6.7	7.5
50	3.7	4.2	4.6	5.2	5.6	6.3	6.8	7.6	8.4	9.3
63	4.7	5.3	5.8	6.5	7.0	7.8	8.6	9.6	10.5	11.7
75	5.6	6.3	6.9	7.7	8.4	9.3	10.2	11.5	12.5	13.9
90	6.7	7.5	8.2	9.1	10.0	11.1	12.2	13.5	15.0	16.6
110	8.1	9.0	10.0	11.1	12.3	13.6	14.5	16.5	18.4	20.3
125	9.2	10.2	11.4	12.7	13.9	15.4	16.9	18.7	20.9	23.1
140	10.3	11.4	12.8	14.2	15.6	17.3	19.0	21.0	23.4	25.8
160	11.7	13.8	14.6	16.2	17.8	19.7	21.7	24.0	26.7	29.5
180	13.3	14.7	16.4	18.1	20.0	22.1	24.4	26.9	30.0	33.1
200	14.7	15.3	18.2	20.1	22.3	24.6	27.1	29.9	33.4	36.8
225	16.6	18.4	20.5	22.7	25.0	27.6	30.5	33.7	37.5	41.4
250	18.4	20.3	22.8	25.2	27.8	30.7	33.8	37.5	41.7	46.0
280	20.6	22.8	25.5	28.2	31.2	34.4	37.9	41.8	46.7	51.5
315	23.2	25.6	28.7	31.3	35.0	38.6	42.6	47.0	52.5	57.9
355	26.1	28.7	32.3	35.5	39.5	43.6	48.0	52.9	59.2	65.2
400	29.5	32.6	36.4	40.1	44.5	49.1	54.1	59.6	66.7	73.5

NOTE:

1. Tolerance calculated from (0.1 +0.1)mm rounded up to next 01.mm
2. All pressure ratings are calculated at 27^{0} C and rounded up to nearest pressure class.
3. Considering operational problems, maximum wall thickness of pipes are considered around 130mm.



24 YEARS OF EXPERIENCE

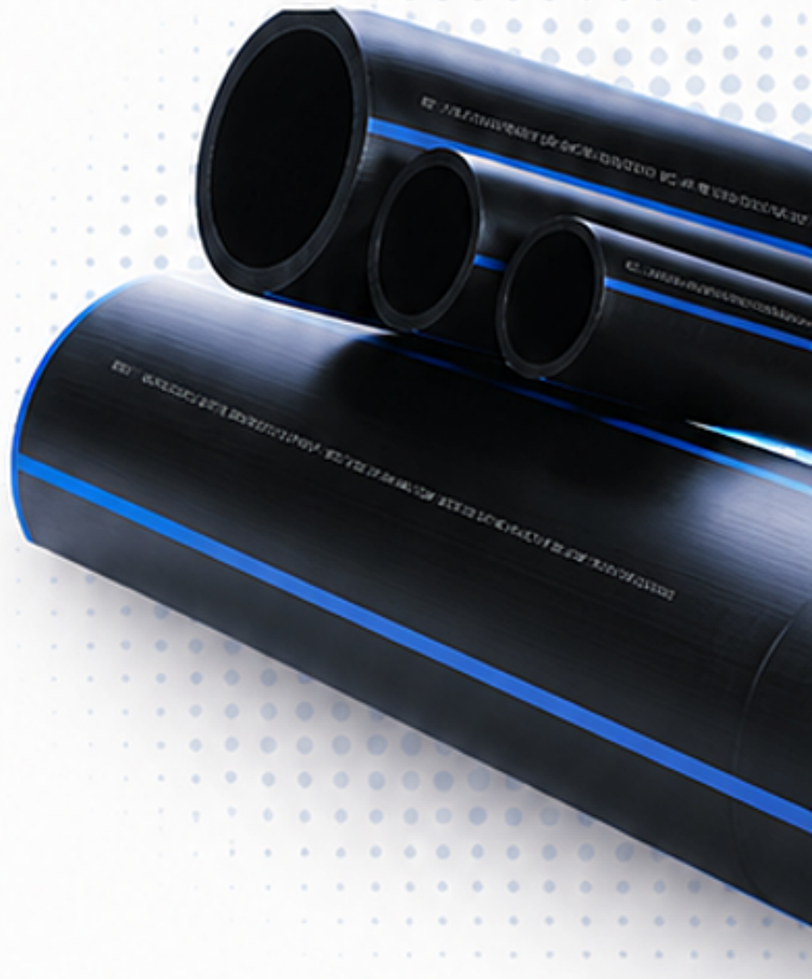
WATER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

POLYETHLENE
(Technical details & applications)

Polyethylene is a thermoplastic polymer consisting of long chains produced by combining the ingredient monomer ethylene. The ethylene actually converts to ethane as it takes its place in a polymer and straight sections of the polymer are the same structure as the simple chain hydrocarbons, e.g. propane, and other straight single bonded carbon chains. As with any polymer, the structure of the resulting substance defines molecular description due to cross branching of the chains.



HDPE (High Density Polyethylene) is defined by a greater or equal to Density of 0.941 g/cm^3. HDPE has a low degree of branching and thus stronger intermolecular forces and tensile strength.

TECHNICAL INFORMATION

Technical Information			HDPE	MDPE	LDPE	PEUHMW
Density (ρ)	ISO 1183	g/cm^3	0.95	0.938	0.925	0.93
Max. permissible service temp.		°C	-50 to 90	-50 to 85	-50 to 60	-50 to 90
Tensile Strength at yield (OS)	ISO 527	MPa	27	20	11	17
Elongation at break (ER)	ISO 527	%	≥700	≤600	≤600	≥50
Impact Strength (iAn)	ISO 179	Kj/m2	No break	No break	No break	No break
Flexural strength (Db 3.5%)	ISO 178	MPa	22	40	80	27
Modulous of elasticity (Et)	ISO 527	MPa	1150	760	260	680
Coef. Of linear therm. Expansion (o)	DIN 53752	K-2 x 10-4	1.5	1.5	1.4	2
Vicat softening Temp.	ISO 306	°C	80	80	94	80

FEATURES & ADVANTAGES:

- Suitable for underground pipes through adjustments to local ground movement
- Impact resistant and tough.
- Thermal resistant application possible between -40° C & 80° C.
- Smooth internal wall low blockage risk due to low deposit/ residue effects.
- Lower cost due to relative long life.
- Non Conductive.
- Environment friendly.
- Light in weight – Cost saving in transport and handing.



24 YEARS OF EXPERIENCE

WATER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

REX HDPE SPRINKLER SYSTEM

(IS 17425:2020 with Latest Amendment)

SPRINKLER SYSTEMS:

- > Sprinkler Nozzle
- > Adopter with foot Button
- > Riser Pipe
- > Sprinkler Tee
- > Sprinkler Bend
- > Sprinkler end Cap
- > Pump connecting Nipple
- > HDPE coupled pipe 3 & 6 Mts IS 17425:2020





SPRINKLER TEE



SPRINKLER NOZZLE



PUMP CONNECTING NIPPLE



Tail - C type Endcap



SPRINKLER BEND



Foot Button



ADOPTER WITH FOOT BUTTON



Clamp



RISER PIPE

Nominal Diameter	Outside Diameter	Nominal Tolerance on Outside Dia	Class 1- 0.25 MPa		Class 2- 0.32 MPa		Class 3- 0.4MPa		Class 4-0.6 MPa	
			Min.	Max	Min	Max	Min	Max	Min	Max
63	63.0	+0.6	-	-	2.0	2.4	2.5	2.9	3.8	4.4
75	75.0	+0.7	2.0	2.4	2.5	2.9	3.0	3.4	4.5	5.2
90	90.0	+0.8	2.2	2.6	2.9	3.4	3.5	4.1	5.3	6.1
110	110.0	+1.0	2.7	3.2	3.4	3.9	4.2	4.8	6.5	7.4
125	125.0	+1.2	3.1	3.6	3.8	4.5	4.8	5.5	7.4	8.3

24 YEARS OF EXPERIENCE

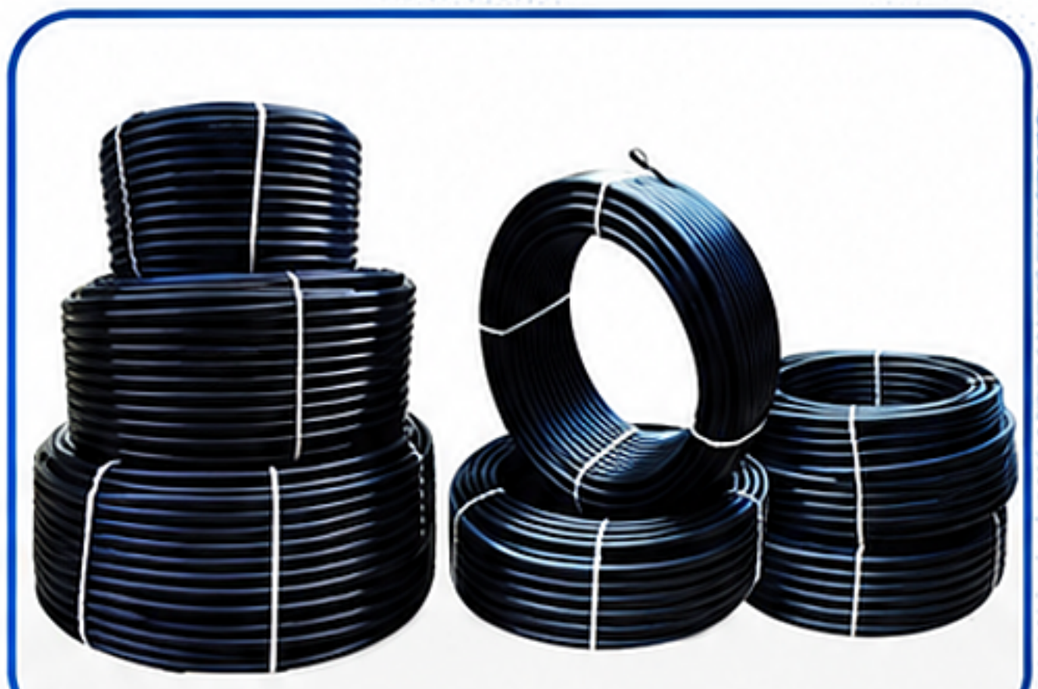
WATER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

REX HDPE COIL

(IS 4984:2016 with Latest Amendment)



HDPE COILS are one of the most dynamic products of the Plastics field as they can be used for a number of purposes. Their basic uses are Drip Irrigation; Duct for Wires, Water distribution, etc. We manufacture these HDPE Pipes/-Coils in various sizes, lengths and wall thickness depending upon the consumer's needs and preferences. Outfitted with a state-of-the-art manufacturing unit as well as excellent quality control practices, we bring forth a huge array of HDPE coil manufacturer which are designed to support many industrial usages like construction, agriculture etc. Acknowledged for their efficiency and durability, our HDPE coils also possess high flexible impact strength that helps them in withstanding extreme pressure and adverse climatic conditions. A substitution for conventional piping, our High-Density Polyethylene Coils are tough and resistant to chemicals. Our pipes/coils are offered in different dimensions and sizes as per the specifications of our clients.

APPLICATION:

- Suitable for underground pipes through adjustments to local ground movement.
- Corrosion and chemical resistant PE pipe.
- Metric series sizes 20mm to 110mm for use at temperatures up to and including 80 °C.
- Pressure rating 2.5 Kgf/cm² to 20 Kgf/cm 2.
- Highly resistant to most acids, bases, salts, aliphatic solutions, oxidants, and halogens.
- Typical applications includes: chemical processing, plating, potable water systems, water andWaste water treatment, irrigation, agricultural and other industrial application.

Outlined specification IS: 4984:2016, this pipe is intended for use in applications where the fluid conveyed does not exceed 80° C.

DEPTH OF THE BORE PRESSURE CLASS:

1. Up to 55 Mtrs: 4.0 kg/cm ²
2. Up to 90 Mtrs: 6.0 kg/cm ²
3. Up to 140 Mtrs: 10.0 kg/cm ²
4. Up to 170 Mtrs: 12.5 kg/cm ²

PROPERTIES VALUE:

1. M.F.I. (190°C, 5kg load) : 0.15 to 1.1 gm/10 min
2. Specified base density : 940 to 960 kg/mtr³
3. Material Grade: PE-63, PE-80, PE-100 , Reversion: <=3%
4. Carbon Black: (2.5 ± 0.5%), Antioxidant : <0.3% by mass
5. Tensile Strength (min) (27±2°C) : 19MPa
6. Elongation : (Testing speed = 100mm/min ± 10%) >350%
7. Hydraulic Characteristics : No sign of localized swelling, leakage or weeping (at 80°C for 165 & 48 hrs.



24 | YEARS OF EXPERIENCE

POWER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

REX SINGLE CORE FLEXIBLE HOUSE WIRE
(IS 694:2010 with Latest Amendment)

REX PVC single core flexible cables make a big difference wherever they are installed. They don't merely deliver power; they do so with maximum efficiency and security, with stronger materials, super conductors and safer insulation, REX House wire have minimized loss while imparting electricity transfer and transient.

Making it possible is the company's management of manpower, machines and materials, since its inception and modern methods of manufacturing and marketing have welded technology and teamwork with quality control and professionalism to produce the better cable. Right from raw materials, built-in quality control systems check every stage of production. Indian and international standards are met even before the cables emerge from advanced facilities. The finished products are then measured by the most critical test of all the highly competitive market place. Success in that super changed environment is the ultimate proof of the quality of REX cables.



SINGLE CORE FLEXIBLE HOUSE WIRES:

REX Flexible wires are made of bright, plain multi-standard annealed copper conductor, as per Class 5 of IS 694:2010 with PVC insulation. These wires are used for all industrial wiring applications and we are available in single and multi-cores in standard lengths of 90 meter and 270 meter coils.

SINGLE UNSHEATHED CABLE (FLEXIBLE) VOLTAGE GRADE 1100V CONFORMING TO IS 694:2010

Rex House wire is capable of handling 85°C operating temperature along with excellent Fire & Heat retardant characteristics. It is manufactured using min 99.97% Electrolytic grade, annealed bare copper with more than 100% conductivity. Insulated with flame retardant (FR) PVC compound, manufactured & formulated in-house, it ensures better reliability, energy efficiency & highest level of safety. End result of all this manufacturing proficiency enable Rex House wire to perform & serve uninterruptedly at adverse working & atmospheric condition.

APPLICATION:

- Suitable for underground pipes through adjustments to local ground movement.
- Corrosion and chemical resistant PE pipe.
- Metric series sizes 20mm to 110mm for use at temperatures up to and including 80 °C.
- Pressure rating 2.5 Kgf/cm² to 20 Kgf/cm².
- Highly resistant to most acids, bases, salts, aliphatic solutions, oxidants, and halogens.
- Typical applications includes: chemical processing, plating, potable water systems, water andWaste water treatment, irrigation, agricultural and other industrial application.

DEPTH OF THE BORE PRESSURE CLASS:

1. Up to 55 Mtrs: 4.0 kg/cm²
2. Up to 90 Mtrs: 6.0 kg/cm²
3. Up to 140 Mtrs: 10.0 kg/cm²
4. Up to 170 Mtrs: 12.5 kg/cm²

PROPERTIES VALUE:

1. M.F.I. (190°C, 5kg load) : 0.15 to 1.1 gm/10 min
2. Specified base density : 940 to 960 kg/mtr³
3. Material Grade: PE-63, PE-80, PE-100 , Reversion: <=3%
4. Carbon Black: (2.5 ± 0.5%), Antioxidant : <0.3% by mass
5. Tensile Strength (min) (27±2°C) : 19MPa
6. Elongation : (Testing speed = 100mm/min ± 10%) >350%
7. Hydraulic Characteristics : No sign of localized swelling, leakage or weeping (at 80°C for 165 & 48 hrs.

Standard Color- Red, Yellow, Blue, Green, Black.
*As per IS: 1961 (Part V) - 1969 | As per Conductor Class 2,5 of IS: 8130 Amendment Uptodate



24 YEARS OF EXPERIENCE

POWER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

SINGLE UNSHEATHED CABLE (FLEXIBLE)

VOLTAGE GRADE 1100V CONFORMING TO IS 694:2010

TABLE - 1

Nominal area of conductor	Number Nominal Dia of wire	Thickness of insulation (Nom)	Approx. Overall Diameter	Current carrying capacity as per IS: 3961	Max. resistance per km at 20°C
Sq.mm	Mm	Mm	mm	Amp.	Ohms
0.5	16/.2	0.6	2.20	04	39.00
0.75	24/.2	0.6	2.40	07	26.00
1.0	14/.3	0.7	2.80	11	19.50
1.5	22/.3	0.7	3.10	14	13.30
2.5	36/.3	0.8	3.80	19	7.98
4.0	56/.3	0.8	4.40	26	4.95
6.0	84/.3	0.8	5.00	31	3.30
10	140/.3	1.0	6.10	42	1.91
16	226/.3	1.0	7.00	57	1.21

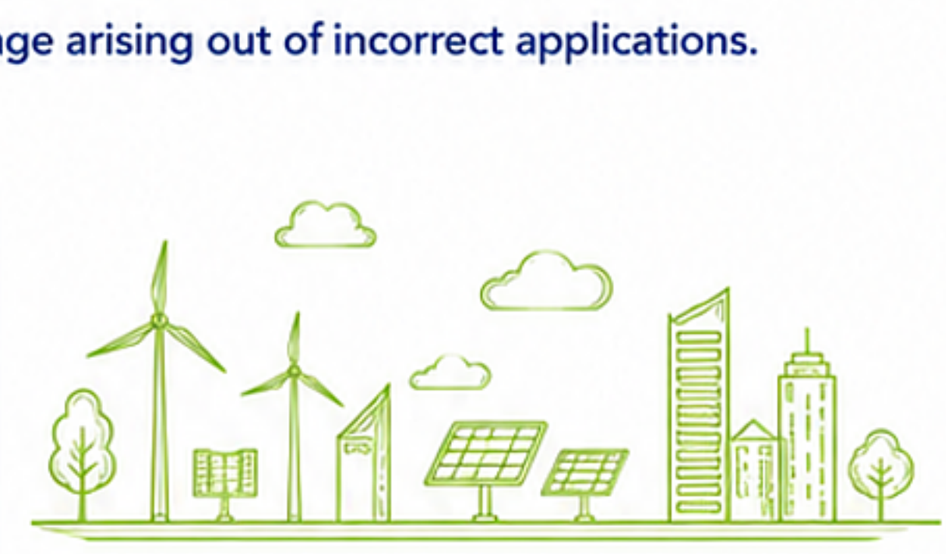
Above data is indicated REX will not be liable for damage arising out of incorrect applications. Single core, twin insulated wires in voltage grade 1100V, conforming to IS 694:2010 with additional FR properties.

TABLE - 2

Nominal area of conductor	Number Nom Dia of wire	Thickness of insulation (Nom)	Approx. Overall Diameter	Current carrying capacity as per IS : 3961		Max. resistance per km at 20°C
				In conduit/diameter	Unenclosed clipped directly surface or on cable tray (Noble tray)	
Sq.mm	mm	mm	Mm	Amp.	Amp.	Ohms
1.0	#14/.3	0.7	2.8	11	12	18.10
1.5	#22/.3	0.7	3.1	14	16	12.10
2.5	#36/.3	0.8	3.8	19	22	7.41
4.0	#56/.3	0.8	4.4	26	29	4.95
6.0	#84/.3	0.8	5.0	31	37	3.30

Above data is indicated REX will not be liable for damage arising out of incorrect applications.

save energy



24 YEARS OF EXPERIENCE

POWER PRODUCTS

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APPLICATION:

These cables are used for wiring domestic and commercial buildings. A fine drawn multi strand conductor provides enhanced Flexibility & makes it ideal for concealed wiring. It is suitable for installation in lighting fittings and appliances up to 1100 V (A.C)



FEATURES:

- Excellent Electrical & Mechanical properties.
- High Flame retardant properties.
- Higher Flexibility ensures easy handling & longer life.
- Steam and boiling water resistant & anti-rodent. Cable Structure.

Conductor	99.98% pure electrolyte grade Bright annealed bare Copper.
Insulation	PVC compound with a high insulation resistance ensures uninterrupted power supply at all weather condition.
Operating Temp	99.98% pure electrolyte grade Bright bare Copper.
Conductor	-15°C to maximum + 85°C
Standard length of packing	90 meters and 180 meters coil in mono pack.
Color	Red, Green, Yellow, Blue, Black.

WHY REX HOUSE WIRES ?

- Made of 99.99% pure Electrolyte grade bright annealed copper ensures enhanced conductivity.
- Insulated within house formulated & manufactured PVC compound.
- Excellent Fire & Heat retardant characteristics at different working condition.
- Better reliability, energy efficiency & highest level of safety with high Oxygen Index.
- Maximum energy saving ensures value for money.



24 YEARS OF EXPERIENCE

POWER PRODUCTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

REX THREE CORE FLAT CABLE

(IS 694:2010 with Latest Amendment)

Keep fire hazards at bay while ensuring safety and reliability with flat submersible cables Owing to the special safety parameters for the submersible cables, Rex flexible cables offers you a safe, reliable, fire retardant, fire resistant, lead free, non toxic cable that is eco friendly. Rex, being the quality manufacturer of cables for multiple applications has pioneered cable technology with innovations and high technology manufacturing. Rex Cables are Flexible to be installed in different locations and offer protection under any circumstances. Applications like pumps, motors and various others run perfectly on these cables. Offering protection to the entire circuit, appliances and their users, the submersible cables are one of the sturdiest inventions to get your electrical products running smoothly. Search for the best submersible cables online. Purchase the best only from the Rex shop and live stress free.



SELECTION GUIDE FOR THREE CORE FLAT CABLES (HP Vs CURRENT)

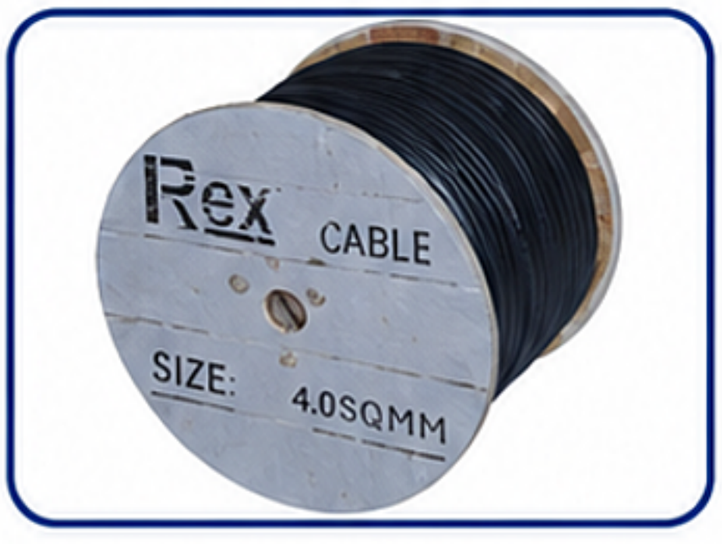
HP	5.0	7.5	10.0	12.5	15.0	17.5	20.0	25.0	30.0	35.0
AMP	7.5	11.0	14.9	18.9	22.5	25.2	28.4	35.6	42.3	50.4

THREE CORE FLAT CABLES CONFORMING TO IS 694:2010

Area Sq. Mtr.	Conductor	Insulation	Sheath	Overall Dimensions		Conductor Resistance @ 20°C	Current carrying capacity @ 40°C
	No. of Strands / Dia. mm	Thickness (Nom) mm	Thickness (Nom) mm	Width (Approx) 'W' mm	Height (Approx) 'W' mm	(Max) Ohms/km	Amps
1.5	22/0.3	0.60	0.90	11.0	5.0	12.100	14
2.5	36/0.3	0.70	1.00	13.0	6.0	7.410	18
4.0	56/0.3	0.80	1.00	15.3	6.7	4.950	26
6.0	84/0.3	1.00	1.15	18.7	7.9	3.300	31
10.0	140/0.3	1.00	1.40	23.7	9.9	1.910	42
16.0	226/0.3	1.00	1.40	28.0	11.4	1.210	57
25.0	354/0.3	1.20	2.00	35.5	14.7	0.780	72
35.0	495/0.3	1.20	2.00	39.5	16.2	0.554	90







24 YEARS OF EXPERIENCE

POWER PRODUCTS

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PIPES • CABLES • IRRIGATION • BUS BODY

REX PVC ELECTRICAL CONDUIT PIPE

(AS PER IS 3419:1988 with Latest Amendment)

We are engaged in offering Conduit Pipes which are highly durable and are acknowledged for its long lasting life. We offer a superior range of PVC Conduit Pipes to clients, which have got excellent features that make them superior from other pipes offered in market. They are insulated against electricity; Rex uses offer high quality raw material for manufacturing these P.V.C conduit pipes. They are suitable for different purposes. Moreover, these are made as per latest and with advanced technology machinery for manufacturing these P.V.C conduit pipes.



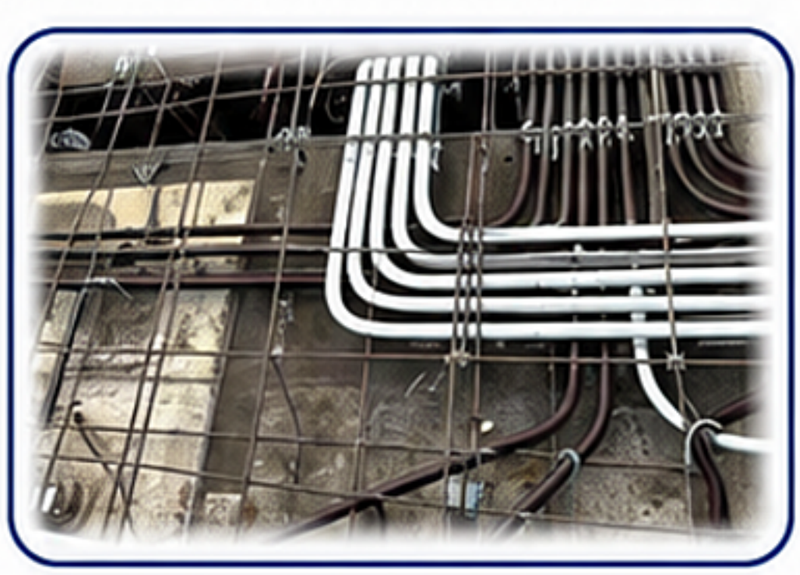
FEATURES:

- High insulation resistance.
- Processed on twin screws extruders.
- Minimum filler ensures high impact strength.
- Corrosion proof smooth surface.
- Easy repair and replacement.
- Unplasticized PVC Formulation to improve the mechanical structure.

ADVANTAGES:

- Provide good mechanical protection for inside cables.
- Easy passage of maximum size and number of cables permitted.
- Uniformity of wall thickness.

MEDIUM					HEAVY				
Nominal Size (MM)	Outside DIA	Inside DIA	Wall Thickness		Nominal Size (MM)	Outside DIA	Inside DIA	Wall Thickness	
			Min.	Max.				Min.	Max.
20	20	17.0	1.30	1.50	20	20	15.9	1.80	2.05
25	25	22.0	1.30	1.50	25	25	20.9	1.80	2.05
32	32	28.7	1.40	1.65	32	32	27.0	2.30	2.50
40	40	36.6	1.50	1.70	40	40	35.0	2.30	2.50
50	50	45.8	1.80	2.10	50	50	44.4	2.50	2.80







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POWER PRODUCTS

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REX PVC ELECTRICAL INSULATION TAPE

REX: they prevent fire from spreading and offer a long-lasting, waterproof, and weatherproof insulation. REX Electrical Tapes have been developed from carefully-selected backings and adhesive systems. The adhesive used in the manufacture of the tape have been developed with a special formulation to withstand different classes of temperature from Class A-105 0C to Class H-180 0C and includes Rubber, Acrylic and Silicon based formulations.



APPLICATIONS:

- Reliable self-extinguishing.
- Stretchable grip firmly molds itself to any surface.
- Resistance to acids, alkalies and oils.
- Water proof, Weather proof, Non-ageing.
- Holding & insulating various transformer, capacitors H.T. & L.T. Panels T.V. Sets, audio appliances, communication system & instructions.

SELF EXTINGUISHING

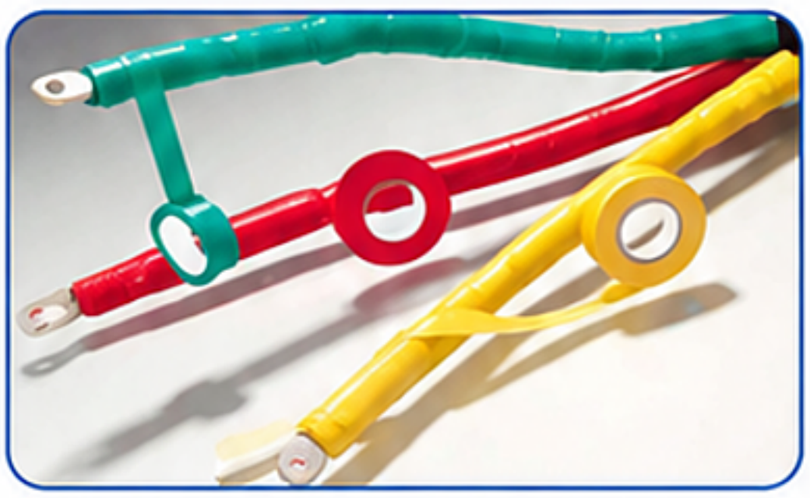
WATER PROOF

WEATHER PROOF

WIDE TEMPERATURE RANGE

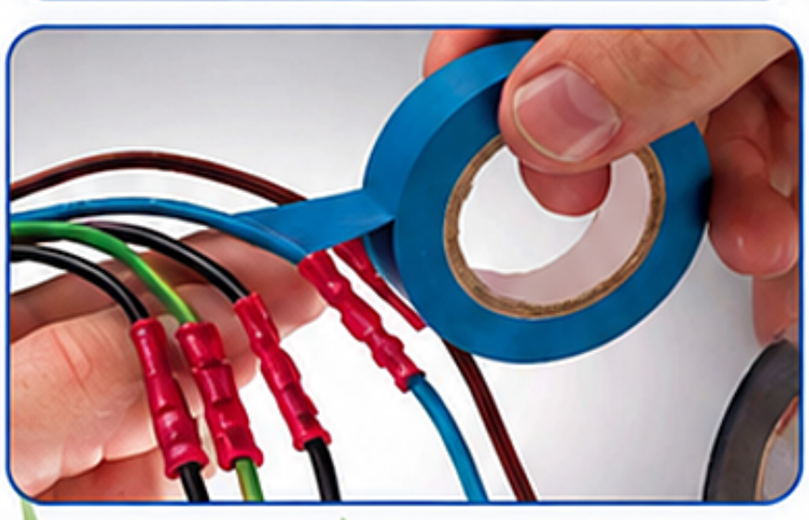
STRONG ADHESION

ELECTRICAL INSULATION











24 | YEARS OF EXPERIENCE

OUR CLIENTS

Rex®

PIPES • CABLES • IRRIGATION • BUS BODY

OUR SUPPLIES TO:

- LARSEN AND TOUBRO LIMITED
- NIMBUS PIPES LIMITED
- SHREE CEMENT LIMITED
- MAGNI TECH SPECIALITY CABLES PVT. LTD.
- ARAWALI TRADERS
- DLB GOVINDAM AFFORDABLE HOUSING SOCIETY
- SOMANTI OVERSEAS – HARYANA
- SHREE KISHAN AGRO AGENCIES – KUCHAMAN CITY
- SHEKH CONTRUCTION COMPANY
- KISHAN ELECTRICALS
- SPECIFIC WIRE PRIVET LIMITED - JAIPUR
- BIHANI CONSTRUCTIONS PVT LTD
- SB ENTERPRISES
- GB INFRATECH
- PUBLIC HEALTH ENGINEERING DEPARTMENT
- PWD
- FORESTER DEPARTMENT
- KRISHI UPAJ MANDI
- NAGAR PARISHAD
- RAILWAYS (NORTH DIVISION)
- BALAJI KARSHI YANTRALYA – BHIYAD
- JAIN TRADING COMPANY – KANPUR
- SHRI KISSAN AGRO AGENCY
- GADWAL TUBEWELL COMPANY
- SURYA DEEP ENGINEERING PRIVATE LIMITED





24 YEARS OF EXPERIENCE

Rex® | PIPES AND CABLES INDUSTRIES LTD.

L 31300 RJ 2002 PLC 017714



MARKETING OFFICE:

T-1, T-3, T-5, Third Floor, Subhalaxmi Tower,
Vidhyadhar Nagar, Jaipur -302023, Rajasthan



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