



AN ISO-9001 : 2015 CERTIFIED CO.

ADARSH®
PIPES

Catalogue
2025

High-Performance Pressure & Non-Pressure

Piping and Fittings Solutions



Complete Range of Pipes & Fittings
PVC, HDPE, OPVC-U, SWR, Blue casing, DWC, Upvc, Agri pipes for Plumbing,
Sanitary, Borewell & Agriculture Purpose



Our Website
www.adarshpipes.com





About Us

Adarsh Plastic factory was incepted in 2008, it was established to produce quality plastic products. Our main product is Polyvinyl Chloride (uPVC) plastic pipes under BIS and other standards in order to become the best alternative to GI and metal pipes.

Being environmentally conscious, Adarsh Pipes looks to produce products that care for the future. In order to keep standards high, we have obtained certification from **ISO-9001:2015** and follow all procedures and processes needed to fulfill the quality management system.

Our quality assurance is being conducted & verified by our qualified Engineers/Technicians using state-of-the-art laboratory, quality maintenance & enhancement are achieved at equal or even above par level from the standards. We make sure that our product and process meet the Environmental friendly requirements. The management is keen in supporting clients to value their investment with our products.

Adarsh uPVC pipes are produced in sizes and thickness suitable for all working situations. Our products are sold in government projects and through distributors. Having a successful management style, Adarsh Plastic Factory is committed to high quality and environmentally friendly products and therefore should be your choice of brand.



Our Journey

Established

Established in 1995 by Late Shri Suresh Kumar Jain

Adarsh PVC Pipes Pvt. Ltd. - manufactures plastic pipes and fittings to international standards for pressure and non-pressure applications.

Adarsh has many years of experience in delivering high performance products.

Continuous Development

Manufacturing capability and capacity is continuously updated to meet ever-increasing demand and to ensure that the technology employed is always up to date.



2015

Installed a new state of the art new machine of Windsor KTS 350 to increase the capacity of Production. The machine capacity is 350 tonne/hour.

2018

Introduction of Windsor KTS 170 for production of PVC conduit pipe as per ISI standards and added another landmark to Adarsh Pipes profile.

2008

Production of PVC pipes started to capacity of 1800 tons per year.

2016

Production of Elastomeric Rubber ring pipe and SWR pipe started and took the output capacity of company to 5000 tons per year.

2019

Introduction of Conduit Pipes and Casing Pipes as per ISI standards.





ADARSH®
PIPES

Company Strengths



HUGE INFRASTRUCTURE

We are geared up with a huge infrastructural set-up in order to meet the growing demand of our clients.



LATEST MACHINERY

We are equipped with latest machinery and are able to call on technology and experienced personnel covering a wide range of skills related to plastic pipes and their applications



QUALITY PRODUCTS

Beside in-house quality control laboratory, tests are also carried out through independent laboratories to certify the quality of our products.



PROFESSIONAL WORK

We are dedicated team of Dynamic professionals having immense market knowledge. Our team members are committed to deliver the best in the Industry.

Mission

- To provide excellent customer service and customer orientation
- Striving towards world class standards, practices and performance and continuous improvement
- Committed, motivated and empowered workforce through holistic employee focus and team work
- Applying innovative technology for our products and processes
- Ensuring long term prosperity of all our distributors, customers, employees and suppliers
- Acting in a socially and environmentally responsible manner

COMPANY CORE VALUES

- Honesty and Integrity
- Mutual Respect and Trust
- Investment in staff training
- Loyalty
- Co-operation and Commitment
- Open Communication and Information Flow
- Social and environmental responsibility

COMPANY INFRASTRUCTURE

- Factory in Sonipat, Haryana
- Certified ISO 9001 Company
- IS Certified
- Latest Tools and Machinery
- In-house Laboratory
- Trained Staff
- Distribution Network



Certificates

राष्ट्रीय लघु उद्योग निगम लिमिटेड
THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED
 (A Government of India Enterprise)

Branch Office : D-22 121, Patala Pura, Rajpur, -110 091, (New Delhi)
 Ph. : 011-26123456 Fax. : 011-26123456
 Email : nsiicc@nsic.co.in Website : www.nsiicc.co.in

STORE DETAILS CERTIFICATE

(Unit No. 6002993 to 61802883)
 ANNUCHIT TO GOVERNMENT PURCHASES SHEDDING CERTIFICATE
 NO. MSIC/CP/PT/2022/993144 D.T. 13/02/2022
 ISSUED TO: M/s. ADARSH PVC PIPES PRIVATE LIMITED, HARYANA.

PLOT NO 1415, HSIIDC INDUSTRIAL ESTATE, RAI, SONPAT, HARYANA-131028

| Sr. | Stores/ Services Name | Specifications | Qualitative Capacity | Quantitative Capacity/ PM | Remarks |
|-----|---|--|----------------------|---------------------------|---------------|
| 1 | Manufactured PVC Pipes Castable Blue Pipe 200mm Dia | Pipe & Socket End Class 1 Normal Dia- 125 to 250 MM, Class 2- Normal Dia 250 to 300 MM, Class 3 Normal Dia- 300 to 1100 MM, Class 4 Normal Dia- 125 to 300 MM | 250MM | | Manufacturing |

3258 India Pvt. Ltd.
 Conforma 1 Note
 (Optional)

Disclaimer: "We're engaged in Re-packing, Re-Casting, Re-Welding, Re-Assembling may need further assessment for Confa registration as per their policy."

M/s. ADARSH PVC PIPES PRIVATE LIMITED
 "Authenticity of the certificate can be checked through the web portal: www.nsiicc.gov.in"

भारत सरकार
 Govt. of India
 सूचना, लघु, और मध्यम उद्यम विभाग
 MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

उद्योग आधार MSME Udyog Aadhaar

B

| Type of Enterprise | Micro | Small | Medium |
|--------------------|-------------------------------------|--------------------------|--------------------------|
| Manufacturing | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Services | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LJAN No. | HR180005730 | | |

Udyog Aadhaar Registration Certificate
 Udyog Aadhaar Number: HR180005730
 Name of Enterprise: ADARSH PVC PIPES PRIVATE LIMITED

Location of Plant Details

| SN | Floor/Block No. | Name of Premises/Building | Village | Road/Street/ Lane | Area/Locality | City | Pin | State | District |
|----|-----------------|---------------------------|---------|-------------------|---------------|--------|--------|---------|----------|
| 1 | PLOT NO. 1415 | HSIIDC | RAI | INDUSTRIAL ESTATE | RAI | SONPAT | 131028 | HARYANA | SONPAT |

Official Address of Enterprise: PLOT NO. 1415, HSIIDC INDUSTRIAL ESTATE, RAI, SONPAT
 District: SONPAT State: HARYANA Pin: 131028
 Mobile No: 9810841100 Email: adarsh@adarpipes.com

Date of commencement: 06/10/2018
 Major Activity: MANUFACTURING
 Enterprise Type: Small
 Previous Registration details (if any):
 National Industry Classification Code:

| SN | MC 2 Digit | MC 4 Digit | MC 5 Digit Code | Activity Type |
|----|------------|------------|--|---------------|
| 1 | 22 | 2220 | 22207 - Manufacture of other industrial accessories of plastics (including mechanical involving fitting of plastics) | Manufacturing |
| 2 | 22 | 2220 | 22208 - Manufacture of other plastics products n.e.c. | Manufacturing |
| 3 | 22 | 2220 | 22209 - Manufacture of other plastics products n.e.c. | Manufacturing |

Acknowledgement Date of Filing: 25/01/2019 Date of Printing: 25/01/2019

Disclaimer: This is computer generated document, no signature required.
 Printed from udyogadhaar.gov.in

MyPhone Mobile App (Beta Version) is available now for download: <http://tiny.cc/meyacods>

SG *Certificate of Registration*

This is to certify that
ADARSH PVC PIPES PRIVATE LIMITED
 Office: D-39, First Floor, New Mahanagar, Near Rohini Road, New Delhi - 110 056, India
 Branch Office: 161/2, Palam Industrial Estate, Sakhabad Border, Ghaziabad, (Uttar Pradesh)
 Work: 1415, HSIIDC, Industrial Area, Rai, District Sonapat - 131 028, (Haryana), India

has been assessed and certified as meeting the requirements of

ISO 9001 : 2015
Quality Management System

For the following activities:
 Manufacturing and Supply of PVC Pipes, Plastic Tube, Plastic and LDPE Sheets, Plastic Granules, SWR Pipes and Pipe Fittings.

Issued Date of Certificate: 25 October 2022
 Renewal Date of Certificate: 25 May 2025
 Validity: 36 Months
 Issued By: Bureau Veritas Certification India Pvt. Ltd.
 Certificate Number: 02/21-19120-079
 MSME Code: C-2202

Director of Certifications
 Bureau Veritas Certification India Pvt. Ltd.
 100, Park Road, Sector 16, Gurgaon, Haryana - 122002, India

National Accreditation Board for Testing and Calibration Laboratories
NABL
CERTIFICATE OF ACCREDITATION
UNI-TECH TESTING AND CALIBRATION
 has been assessed and accredited in accordance with the standard
ISO/IEC 17025:2017
"General Requirements for the Competence of Testing & Calibration Laboratories"
 for its facilities at
 PLOT NO 28, SECTION-3, HSIIDC, KARVAL, HARYANA, INDIA
 in the field of
CALIBRATION

Certificate Number: CC-2209
 Issue Date: 12/04/2021 Valid Until: 11/09/2024

"The validity is extended for one year up to 11/09/2022"

This certificate remains valid for the scope of accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
 (To use the scope of accreditation of this laboratory, you may also visit NABL website www.nabl.org)

Name of Legal Entity: UNI-TECH TESTING AND CALIBRATION
 Signed for and on behalf of NABL:
 N. Venkateswararao
 Chief Executive Officer

Certificate

This is to Certify that
ADARSH PVC PIPES PRIVATE LIMITED
 Work: Plot No. 1415, 1643, HSIIDC Industrial Area Rai, Distt. Sonapat, Haryana, India
 161/2, PIE, Sahibabad Border, Ghaziabad, Uttar Pradesh, India
 has been found in Compliance with requirements of
Quality Management System
ISO 9001:2015
 for the following scope:

Manufacturing and Supply of PVC Pipes, Plastic Tube, Plastic and HDPE Pipes, Plastic Granules, SWR Pipes and Pipe Fittings

Certificate No. : QMS/028872/0722
 Original Certificate Date: 13-July-2022
 Issue Date : 13-July-2022
 Expiry Date : 12-July-2025

To check this certificate status visit:
<http://nabl.co.uk.com/verify/certificates/index.html>

Authorized Signature
Quality Control Certification
 UK Office: 1929, Chrysoth House, Transmore Park, TROUSERS, Dorset, UK
 India Office: 2nd Floor, Anam Market, Naraina Market, Delhi - 110 046, India

Quality Control Certification (QCC) accredited by NABL, England, UK. This certificate remains the property of QCC to whom it must be returned on request.

Zed
 under MSME Sustainable (ZED) Certification Scheme

We undertake to conform to the values of Zero Defect Zero Effect in our enterprise and ensure that our processes shall be environmentally sound and socially responsible with safe and high quality products.

We will give back, in every way we can, to our people our community and to our planet.

ADARSH PVC PIPES PRIVATE LIMITED
 161/2, PIE, SAHIBABAD BORDER, GHAZIABAD, UTTAR PRADESH, INDIA
 Plot No. 161/2, PIE, SAHIBABAD BORDER, GHAZIABAD, UTTAR PRADESH, INDIA
 HSIIDC INDUSTRIAL AREA, RAI, SONPAT, HARYANA, INDIA
 1415, HSIIDC, INDUSTRIAL AREA, RAI, SONPAT, HARYANA, INDIA

January 6, 2020
 DATE OF PLEDGE

Apraenge ZED!





Our Products



uPVC Pipes and Fittings



Agriculture Pipe



Cassing Pipe



SWR Pipe



Conduit Pipes



Gardening Pipes



Elastomeric Rubber

uPVC Pipes

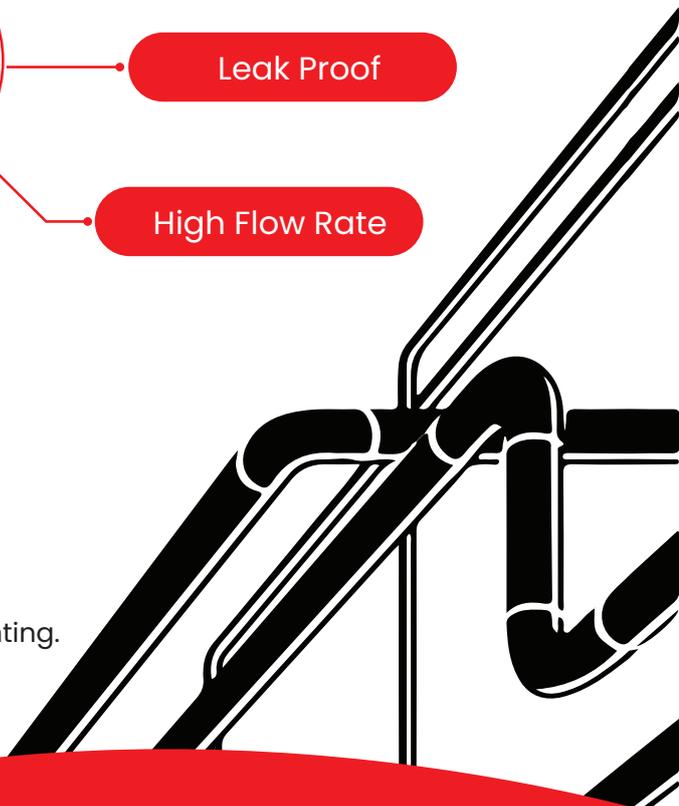
Adarsh uPVC pipes Pressure and Non pressure – are manufactured in accordance with IS:4985 covering a complete range from 40 mm to 315 mm. These pipes are manufactured from virgin UV stabilized high strength PVC compound. The pipes are provided with plain socket and suitable for solvent cement jointing.

Advantages



Application

- Irrigation and bore wells
- Chemical, sugar and dairy industries
- Air Vent system for toxic gases
- Protective covering for power and communication cables
- Water Distribution systems
- Biogas, natural gas and oil distributionsolvent cement jointing.





Agri Pipes

Fittings and Ball Valve Systems
(as per IS 4985 - 2000)

uPVC Agri Pressure and Non Pressure

uPVC pressure pipes are manufactured in accordance with IS-4985:2000, with a wide range from 20mm to 400mm suitable for Potable water supply, Lift irrigation systems, Drip irrigation & Sprinkler system. Industrial Plumbing, Cable ducting, Ventilation Pipe Line, Slurry Lines etc.

These pipes are superior to conventional piping system and offers number of advantages (a) like light weight (b) easy and fast installation (c) excellent corrosion (d) chemical resistance (e) high flow rates (f) long life and economy



ADARSH®
PIPES

Pipe Range

Agri pipes are manufactured in the range of 40mm to 315mm 2 diameters in 2.5, 4, 6, 8, 10 and 12.5 kg/cm working pressure

Advantages

- Agri sockets are formed with high precision on specially developed sophisticated machines.
- 50% saving in installation time, as compared with plain ended pipes and loose couplers.
- The number of joints are reduced by 50% resulting in substantial saving labour costs.
- The requirement of solvent cement for a pipe line is reduced by almost 50%
- Cost less than conventional plain ended pipes with loose couplers.
- Agri pipes are supplied in standard length of 6 metres exclusive of the socket portion

uPVC Pipe Dimensions & Working Pressure Chart

As per IS 4985:2000 – For Agriculture & Portable Water Supply

| Nominal Outside Diameter | Mean Outside Diameter | Class-1 0.25 MPa (2.5 kg/cm ²) | Class-2 0.40 MPa (4.0 kg/cm ²) | Class-3 0.60 MPa (6.0 kg/cm ²) | Class-4 0.80 MPa (8.0 kg/cm ²) | Class-5 1.0 MPa (10.0 kg/cm ²) |
|--------------------------|-----------------------|--|--|--|--|--|
| | Min - Max | Min - Max | Min - Max | Min - Max | Min - Max | Min - Max |
| 40 | 40.0 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 | - - | 1.5 1.9 | 2.2 2.7 | 2.8 3.3 | 3.5 4.1 |
| 75 | 75 75.3 | - - | 1.8 2.2 | 2.6 3.1 | 3.4 4.0 | 4.2 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 | 2.9 3.4 | 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 | 7.3 8.3 | 8.8 10.2 |
| 180 | 180 180.6 | 2.6 3.1 | 4.2 4.9 | 6.1 7.1 | 8.0 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 6.5 | 8.5 9.8 | 11.2 12.9 | 13.8 15.9 |
| 280 | 280 280.9 | 4.1 4.8 | 6.4 7.4 | 9.5 11.0 | 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 |

Agri Pressure Piping Solution

Adarsh Agri Pressure Pipes & Fittings is a multipurpose water supply solution with a wide range for agricultural farms, sprinkler, dip, domestic and industrial water supply lines & borewells

Product Range

PIPES : 160mm to 315mm as per IS:4985 Pipes are provided both in solvent cement type & Elastomeric type, join in different pressure classes.

PVC Solvent Cement

Adarsh Solvent Cement is heat resistance, water resistance, single step, fast setting Solvent Cement having accurate composition & excellent adhesive property.

Elastomeric Sealing Ring Socket Joint Pipe

As per IS 4985

| Class | Class 1 | Class 2 | Class 3 | Class 4 |
|------------------|---------|---------|---------|---------|
| S I Z E | 160 mm | 160 mm | 160 mm | 160 mm |
| | 180 mm | 180 mm | 180 mm | 180 mm |
| | 200 mm | 200 mm | 200 mm | 200 mm |
| | 225 mm | 225 mm | 225 mm | 225 mm |
| | 250 mm | 250 mm | 250 mm | 250 mm |
| | 280 mm | 280 mm | 280 mm | 280 mm |
| | 315 mm | 315 mm | 315 mm | 315 mm |



HDPE Pipes

IS CODE- 4984,2000

SPECIFICATION / FEATURE OF THE PRODUCT

- Outstanding SCGR (Slow Crack Growth Resistance) properties: Our HDPE pipes excel in resisting slow crack growth, ensuring long-lasting performance and establishing us as the leading HDPE pipe manufacturers in India
- Extended Lifespan: With a life span of 50-100 years, our HDPE pipe and fittings offer enduring reliability
- Corrosion and abrasion resistance: Our pipes are resilient against corrosion and abrasion, reducing maintenance needs
- High C' Value: Our HDPE pipe fittings maintain a C' value of over 150 throughout their service life
- Chemical inertness: Our HDPE pipes can transport both acidic and alkaline fluids effectively
- Leak-free joints: Our HDPE pipes are equipped with leak-free joints, reducing the need for repairs
- Incrustation & scale resistance: Our high-quality HDPE pipes are resistant to incrustation and scale formation offering reliable performance
- Lightweight: Our HDPE pipes are easy to handle and transport, require no heavy equipment for installation
- Longer Delivery Lengths: Our HDPE pipes offer longer delivery lengths, minimising the need for additional fittings
- Flexibility: Our HDPE pipes offer installation flexibility over bends with no additional joints, increasing versatility



Application area of HDPE Pipes

HDPE (High-Density Polyethylene) pipe uses are diverse, making them a cost-effective and adaptable solution that meets piping needs in municipal, industrial, marine, duct, agricultural applications, etc. Particularly renowned for water supply, these pipes undergo thorough testing, proving their efficacy in various scenarios, including above-ground, surface, buried, and floating applications. Apart from HDPE pipes for water supply, these pipes excel in transporting potable water, wastewater, slurries, chemicals, hazardous wastes, and compressed gases. Their flexibility and durability further extend their utility to natural gas distribution, agricultural irrigation, telecommunications, and various infrastructure projects

Why Adarsh HDPE Pipes?

At Adarsh pipes India, we are proud to be recognised as one of the leading HDPE pipe manufacturers in India. Our HDPE pipes stand at the forefront of modern infrastructure solutions, offering unparalleled durability with exceptional performance with an extended lifespan of 50 to 100 years, these pipes demonstrate robust corrosion and abrasion resistance, maintaining a consistently high C' value for efficient fluid transportation.

As one of the largest HDPE pipe suppliers, we ensure our pipes meet the specific requirements of our customers, therefore our pipes are designed keeping in mind the flexibility for varied applications, Adarsh pipes India HDPE pipes represent a pinnacle of excellence, embodying innovation and reliability in the realm of modern infrastructure.

- Excellent SCGR (Slow Crack Growth Resistance) properties
- Life span of 50-100 year
- Resistance to corrosion and abrasion
- C' value over 150 throughout service life
- Chemically inert " can carry acidic/alkaline fluids
- Reduced surge pressures by 50-80%
- Leak free joints and lower instances of repair
- Resistance to incrustation & Scale formation
- Lower pumping cost
- Light weight " easy to handle & transport
- No heavy equipments for installation
- Longer delivery lengths "Less fittings
- Flexibility " installation over bends with no additional joint



| Material Designation | MRS (MPa) | Design Stress (MPa) |
|----------------------|-----------|---------------------|
| PE 63 | 6.3 | 5.0 |
| PE 80 | 8.0 | 6.3 |
| PE 100 | 10 | 8.0 |

Clearly PE 100 has the advantage of a higher design stress allowing for higher operating working pressure. Wall thickness for a particular size and class becomes progressively less with use of material with a higher MRS and hence savings in mass and improved flow due to increase in cross sectional area. For pressure applications the choice is usually between PE 80 and PE 100 compound whilst PE 63 would normally be used for non-pressure or ducting applications.



OPVC Pipe

IS CODE- 4984,2000

ADARSH Un-plasticized polyvinyl chloride (PVC-U) Underground Sewerage Pipes are made specifically for use in underground drainage & sewerage systems.

These pipes are manufactured as per Specification No IS: 15328:2003 of the Bureau of Indian Standards. These pipes are available in sizes of 90,110, 125, 160, 200, 250 and 315 mm in stiffness class of SN-2, SN-4 & SN-8. These pipes are self-socketed, joined with the help of solvent cement (cold welding) and available in standard length of 6 meters & are brown in color.

Product range:

Pipes: 90 mm to 315 mm of SN-2 (SDR-51), SN-4 (SDR-41) & SN-8 (SDR-34)

Standards:

| SIZE (mm) | STANDARD | TYPE OF CONNECTION |
|----------------|-----------------|--|
| SN-2 : 160-315 | IS 15328 : 2003 | Elastomeric Sealing Ring & Solvent Joint |
| SN-4 : 125-315 | | |
| SN-8 : 63-315 | | |





Two special technical check parameter:

- Pressure pipes with elastic sealing ring type joints - Pressure test for leak proof under conditions of external hydraulic pressure
- Elastomeric-sealing-ring-type socket joints : for leak tightness under internal pressure (Negative pressure) and with angular deflection

Features and benefits:

- Leak proof.
- Long life.
- Anti-rodent.
- Easy transportation, light in weight and easy in wet condition.
- Save time & manpower.
- Fast and easy installation, even in wet conditions.
- Resistance to abrasion, smooth bore pipes reduces the risk of blockage.
- Good Impact resistance.
- Highly Resistant to negative pressure under the ground.

Applications:

These pipes are designed to carry the soil & waste from the Drainage Systems to appropriate drains or sewer through an underground network of pipes

Advantages:

- Light weight, hence easy to transport
- Excellent Stiffness and Impact Resistance
- Ease of Installation and Handling
- Leak free Joints & Ease of jointing when using u PVC joints & fittings
- Smooth inner bore for better flow rate of water and prevent build up of deposits & scaling
- Immune to galvanic or electrolytic corrosion thus ensuring long life below the ground, Lower installation & maintenance costs as compared to conventional pipes.





DWC Water supply pipe

IS CODE-16098,16205

DWC Pipes, better known as HDPE Double Walled Corrugated pipes, are widely used for ducting cable networks, underground electrical cable conduits, and sewage/wastewater conveying. HDPE Double Wall Corrugated Pipes are very cost-effective pipes with a fantastic quality arrangement.

MIPATEX DWC pipes are made of HDPE material with corrugated structure making these pipes lightweight, with higher flexibility, extra strength, and the most elevated life span. The double-wall corrugated design ensures a better load-bearing capacity to sustain earth and traffic loads under buried conditions.

Product range:

- Sizes: 40mm to 1000mm diameter (customizable as per requirement)
- Standards: IS 16098 Part 2 / ISO standards
- Material: High-Density Polyethylene (HDPE) with double wall corrugated structure
- Colors: Outer wall – black or orange; Inner wall – smooth for optimal flow (generally white or yellow)
- Pressure Ratings: PN 4 to PN 10
- Lengths: Available in standard lengths (6m / 12m) or in coils for smaller diameters



Applications

- Signalling cable management for railways and airports
- Solar power cable protection
- Optical fibre cable network
- Level crossings, platforms
- Home signals
- CCTV

Advantages

- **Durability:** Strong double-wall structure resists external loads and soil pressure
- **Corrosion Resistance:** Unaffected by rust, chemical reactions, or soil contaminants
- **Smooth Flow:** Inner smooth surface ensures minimal friction losses
- **Lightweight:** Easier handling and faster installation than traditional concrete or steel pipes
- **Leak-proof:** Can be jointed with secure couplers or fusion welding for zero leakage
- **Cost-effective:** Lower installation and maintenance costs
- **Long Service Life:** Typically exceeds 50 years under standard conditions
- **Environmentally Friendly:** Fully recyclable HDPE material

Available Range

| Nominal Size (mm) | Inner Dia (min.) (mm) | Min. Bending Radius (mm) |
|-------------------|-----------------------|--------------------------|
| 40 | 32 | 1100 |
| 50 | 38 | 1100 |
| 63 | 50 | 1100 |
| 75 | 63 | 1900 |
| 77 | 63 | 1900 |
| 90 | 75 | 1900 |
| 110 | 94 | 3300 |
| 120 | 102 | 3300 |
| 160 | 135 | - |
| 175 | 146 | - |
| 180 | 152 | - |
| 200 | 173 | - |
| 250 | 215 | - |
| 315 | 270 | - |

Note: 'Minimum Bending Radius' to be declared by the manufacturer.





ADARSH®
PIPES



SWR Pipes

Adarsh SWR Pipes & Fittings has a leading range for soil, waste & rain water drainage system, that is suitable for commercial, residential & industrial uses.

SWR Yellow Rubber Ring Joint

- ~ 100% Leak proof joints with German technology
- ~ Range of Pipes : 75mm, 90mm, 110mm as per IS:13592
- ~ Range of Fittings : 75mm, 90mm, 110mm as per IS:14735

Features and Benefits

- ~ Strong and long lasting
- ~ Excellent chemical and corrosion resistance
- ~ UV resistance
- ~ Quick and convenient installation
- ~ Quick and efficient removal of waste without leaking

SWR Lubricant

Adarsh SWR Lubricant is highly recommended for easy, faster and 100% leak proof plumbing solution.

RingFit SWR PVC Pipes
(as per IS:13592)

| Size/mm | OD Inch | 4 /kgf/cm | 6 /kgf/cm | 10 /kgf/cm |
|---------|---------|-----------|-----------|------------|
| 63 | 2" | 1.100 | 1.300 | 1.750 |
| 75 | 2.1/2" | 1.400 | 1.750 | 2.000 |
| 90 | 3" | 1.900 | 2.500 | 3.000 |
| 100 | 4" | 2.500 | 3.000 | 3.500 |



uPVC Pipes

Adarsh uPVC Plumbing Pipes is the most suitable, easy and economical solution for transportation and distribution of water

Product Range

UPVC Pipes : 15mm (1/2") to 50mm (2") N.D.
SCH-40 & SCH-80 as per ASTM D-1785.

UPVC Solvant Cement :

Adarsh UPVC Solvent Cement provides tough and strong bonding to pipes.

Applications

- Indoor and outdoor use for cold water application
- Residential complexes, commercial buildings, public utilities, swimming pools
- RO and DM water plants
- For concealed, down take & terrace looping

| Plumbing Pipe | | | | | | | | |
|-----------------|------------------|-------------------|--------------|-------|--------------|-------|--------------|----|
| Normal Diameter | Out Side Dia. mm | Wall Thickness mm | Weight 3 mtr | | Weight 6 mtr | | Weight 6 mtr | |
| 15 | 1/2" | 21.34 | 3.73 | 0.750 | 0.900 | 1.500 | 1.800 | 50 |
| 20 | 3/4" | 26.67 | 3.91 | 0.950 | 1.250 | 1.900 | 2.500 | 35 |
| 25 | 1" | 33.40 | 4.55 | 1.400 | 1.800 | 2.800 | 3.600 | 25 |
| 32 | 1.1/4" | 42.16 | 4.85 | 1.950 | 2.500 | 3.900 | 5.000 | 15 |
| 40 | 1.1/2" | 48.26 | 5.08 | 2.350 | 3.000 | 4.700 | 6.000 | 15 |
| 50 | 2" | 60.32 | 5.54 | 3.000 | 4.000 | 6.000 | 8.000 | 10 |

Advantages

- Lead-free material ensures safe drinking water.
- Exceptional corrosion resistance ensures constant flow over lifetime.
- Light weight but strong.
- Self-extinguishing . Does not support combustion.
- High impact resistance, ensures high quality performance at lower temperatures.



Column Pipes

Adarsh Column Pipes for submersible pumps offer many advantages and has emerged as the best option for conventional metal pipes.

Adarsh Column Pipes have been specially designed and manufactured with stringent quality having high tensile strength with latest bi-axial technology and special lock system.

Pipes are available in 3 meter length & are provided with rubber sealing ring on square threaded male end.

Product Range

1" (33mm OD) to 4" (113mm OD) Available in five types

Economy = Medium = Standard = Heavy

Technical specifications of UPVC Column Pipes

| Normal Diameter | | O.D. Nom. | O.D. Over Con. Max. | Normal Wall Thickness | | | |
|-----------------|-----|-----------|---------------------|-----------------------|--------|----------|-------|
| Inch | MM | | | Light | Medium | Standard | Heavy |
| 1.00" | 25 | 33.40 | 46 | 2.9 | 3.7 | 5.1 | - |
| 1.25" | 32 | 42.16 | 55 | 3.65 | 4.4 | 5.3 | - |
| 1.50" | 40 | 48.26 | 62 | 4.15 | 4 | 5.4 | 7.2 |
| 2.00" | 50 | 60.32 | 79 | - | 4.9 | 6.3 | 7.5 |
| 2.25" | 60 | 65.00 | 90 | - | - | - | 7.9 |
| 2.50" | 65 | 75.00 | 94 | - | 5.5 | 6.8 | 9.1 |
| 3.00" | 80 | 88.90 | 114 | - | 6 | 7.6 | 10.1 |
| 4.00" | 100 | 88.90 | 136.5 | - | 6.5 | 8.6 | 12.2 |



Blue Casing Pipes

IS CODE- 4984,2000

Adarsh Blue casing pipes are used to aid in extracting clean water from the irrigation, industrial & domestic borewells.
Product Range

Plain Pipes/Screen Pipes

These pipes are available in plain & screen.
Screen Pipes have transverse slots.
They are of three types :

Casing Light ~ Casing Medium ~ Casing Heavy
4" (100mm) to 10" (250mm) diameter as per
IS:12818

12818



CASING PIPE WEIGHT

| Inch | MM(In / Out) | CS | CM |
|------|--------------|--------|--------|
| 4 | 100 / 113 | 6.500 | 7.300 |
| 4.5 | 115 / 125 | - | 8.200 |
| 5 | 125 / 140 | 9.600 | 11.600 |
| 6 | 150 / 165 | 12.800 | 17.000 |
| 7 | 175 / 200 | 18.000 | 22.300 |
| 8 | 200 / 225 | 24.000 | 31.000 |
| 10 | 250 / 280 | 38.200 | 49.000 |



Garden Pipes

Adarsh Flexible Garden Pipes are suitable for all weather and used for gardening and water transportation. Our garden pipes are a perfect blending of technology and stringent quality thus guaranteeing life long and hassle-free performance.



STRONG



UV RESISTANT



CRACK & LEAK
PROOF



ANTI DE-SHAPE



FLEXIBLE



EASY TO USE

Product Range

- (1/2" to 1 1/2") Inside diameter
- Available in 30 metre length
- Available in single layer, double layer, zebra Line & transparent
- Available in multi colour



Range available in sizes :

12.5 MM (1/2"), 25 MM (1"), 32 MM (1.25"), 20 MM (3/4")



Electrical Conduit Pipes

Adarsh Electric Conduit Piping Solution

Adarsh PVC Pipes electric conduit pipes & fittings are durable, fire resistance, chemical resistance having good mechanical strength.

- It is widely used for wiring in industrial, commercial & residential buildings.
- Wiring on Buses, Railway Coaches, Ships & Aircraft. etc

Product Range

Conduit Pipes & Fittings : 16mm to 63mm normal diameter

As per IS:9537 part-3

Available in three types : Light, Medium and Heavy

| Electrical conduit pipes | | | | |
|--------------------------|------|-----|------------|---------|
| Sr. No. | Size | | Weight kg. | Packing |
| 1 | 20mm | LMS | 32/100 | 100 |
| 2 | 20mm | MMS | 37/100 | 100 |
| 3 | 20mm | HMS | 45/100 | 100 |
| 4 | 20mm | LMS | 45/100 | 50 |
| 5 | 20mm | MMS | 52/100 | 50 |
| 6 | 20mm | HMS | 60/100 | 50 |

11 Types Of Electrical Conduit: A Complete Guide to Conduit Pipes

Agricultural PVC Pipe Fittings

Adarsh PVC Pressure Fittings are manufactured from superior quality raw materials on latest injection molding machines to deliver unbeatable quality.

SIZE 63 mm to 160 mm as per IS 7834.



ELBOW 90°



TEE



REDUCING TEE



P TRAP



NAHINI TRAP



REDUCING ELBOW



REDUCER COUPLER



DOOR ELBOW



DOOR TEE



COUPLER



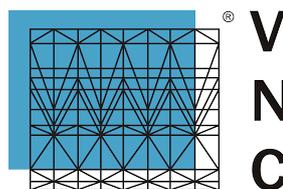
ELBOW 45°



END CAP

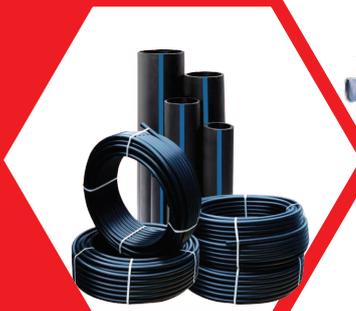


Our Esteemed Clients





ADARSH®
PIPES



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