



WRAS

Water Regulations
Advisory Scheme



The Irrigation
Association



Water Quality
Association



003



IWA

International
Water Supply
Association



Global Water
Association



Worldwide Supplier of Quality Piping Solutions

National Plastic was one of the first companies in the region to start manufacturing UPVC and Polyethylene based piping systems starting production in 1975. Since that time the company has developed its capabilities significantly and at a later stage an adhesives, sealants and bonding agents division was added. The production facilities have been expanded to cover an area in excess of 18,000 m².

Today the company is a major manufacturer and distributor of a wide range of high quality plastic pipe systems, irrigation equipments, adhesives and specialty products. The product range of National Plastic has been continually developed and now includes items for many applications across many fields from its several production divisions.

National Plastic products are distributed and marketed in more than 40 countries worldwide and are made in strict compliance to the various International standards such as ASTM, BS, ISO, BS EN, DIN, NF, BPO and Australian standards. Worldwide users include municipalities,

water authorities, development banks such as the World Bank, International Aid Agencies including U.N. agencies, Public Works Departments, Government Ministries, Agribusiness, many private sector enterprises and telecommunication organizations.



The company uses the most advanced technology, machinery and the highest quality raw materials for its production processes. It takes advantage as well from its geographical location to the world's largest supplies of petrochemical feed stocks and as well from operating from one of the most progressive countries and active centers of trade in the region with excellent shipping and overland transport services to all continents.

As a company committed to quality, National Plastic is an ISO 9001 certified company being certified by the British Standard Institution (BSI) Management Systems. It also holds Kitemark licences for pressure as well as non-pressure pipe systems.



The company has also formed strategic alliances with several leading manufacturers to complement its own range and is thus able to offer the most complete range of products and services to its end user customers around the world.

National Plastic will continue to strive to produce products of the highest quality that are reliable, competitive, offer good value and meet the specific needs of its customers.



Our Product Range



UPVC PRESSURE PIPE SYSTEMS FOR WATER SUPPLY

UPVC pressure pipes from size 1/2" to 16" (20mm - 400mm) in the major International Standards - BS, BS EN, ASTM, DIN, ISO, NF. National Plastic pressure pipe is used in town water supply, irrigation networks, high rise buildings, domestic dwellings, mining and industrial applications. Pipe can be supplied with rubber ring or solvent socket jointing systems.

UPVC PRESSURE PIPE FITTINGS

UPVC pressure fittings in either ASTM, British or Metric / ISO dimensions from size 1/2" to 12" (20mm - 315mm). The fittings meet or exceed the various International Standards for conveyance of pressurized fluids and are compatible with the full range on National Plastic pressure pipes.



UPVC DRAINAGE PIPE SYSTEMS FOR SANITATION AND SEWERAGE

UPVC drainage pipes from size 1 1/4" to 16" (36mm - 400mm) in the major International Standards - BS, BS EN, ASTM, DIN, ISO, NF. National Plastic drainage pipe can be used in all drainage and sewage applications, domestic, municipal, highways and high rise buildings. Pipe can be supplied with rubber ring or solvent socket jointing systems.

UPVC DRAINAGE PIPE FITTINGS

UPVC drainage fittings in either British or Metric / ISO dimensions from size 1 1/4" to 12" (36mm - 400mm). The fittings are suitable for soil, waste, underground and gravity sewer systems. Fittings can be supplied with rubber ring or solvent pocket jointing systems. Fittings are available in light grey or brown colours. Fittings are compatible with the full range on National Plastic pipes.



WELL CASING AND SCREEN

UPVC well casing and screen in compliance with the DIN 4925 standard from 1 1/4" to 16" (36mm - 400mm). A shallow depth and deep well depth range cover most applications of ground water extraction. National Plastic also produces ribbed borewell / screen. A full range of imperial and ASTM sizes are also available up to 16" (400mm).

WELL CASING AND SCREEN ACCESSORIES

All the accessories required for the proper installation of well casing and screen including lifting heads, casing clamps, centralizers, sand traps, bottom / top caps and reducer fittings. Accessories are available to suit the full range of sizes produced.

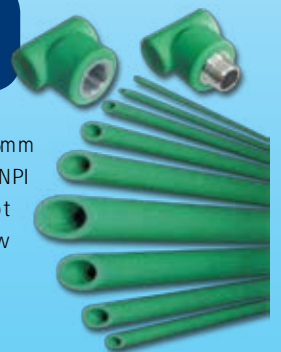


CPVC PIPES AND FITTINGS FOR HOT AND COLD WATER APPLICATIONS

CPVC for domestic and industrial hot and cold water applications in sizes up to 16" (400mm). CPVC is suitable for conveying pressurized hot fluids up to 90°C. Pipe can be supplied in ASTM or Metric / ISO dimensions and a full range of CPVC fittings / transition fittings are available. Special Solvent Cement manufactured by IPS Weldon for high pressure / high temperature applications is also available.

PPR PIPES AND FITTINGS FOR HOT AND COLD WATER APPLICATIONS

PPR Pressure pipes and fittings from 16mm - 160mm according to DIN standard. NPI PPR pipes and fittings are used for hot and cold water supply systems in low and high rise buildings.

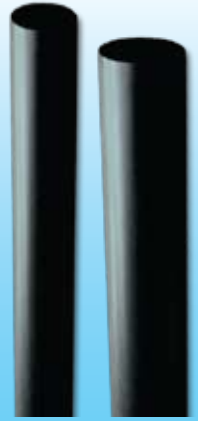


SURFACE WATER AND LAND DRAINAGE SYSTEMS



UPVC land drainage systems for removal of surface water and sub soil waters in sizes 4" up to 16" (110mm - 400mm). Pipe can be supplied in a range of specification, size and wall thickness to suit any application. Slot or perforation sizes range from 0.5mm up to 4mm. This system is particularly suitable for lowering water tables, removal of brackish water, dewatering and collecting run off from paved roadways

CONDUIT, DUCTING AND TELEPHONE NETWORKS



Conduit and ducting in sizes from 1/2" to 16" (20mm - 400mm) in British Post Office (BPO), ASTM, BS and Metric / ISO standards. The ducting covers a full range of applications for the electrical and telecommunication industries (Telephone / Optic Fibre). The conduit can be produced in a range of colours. This range is also suitable for ducting uses in building, construction, roadways, airport aprons, etc.

FABRICATED FITTINGS AND ACCESSORIES



Specialist fittings such as long radius bends, double couplers, end caps, junctions, transition fittings between Metric / Imperial pipe. Fittings can be fabricated to specific customer requirements in UPVC or Butt welded polyethylene for pressure, drainage, ducting and conduit for telephone systems

POLYETHYLENE PIPE SYSTEMS



HDPE, LDPE and LLDPE pipe systems in a range of sizes and specifications from 1/2" to 4" (13mm - 110mm). Polyethylene pipe is used for water supply, irrigation systems, plumbing connections, gas distribution and drainage. A full range of insert electrofusion, butt welded and compression fittings to suit all National Plastic polyethylene pipes are available.

DRIP IRRIGATION TUBING



LLDPE tubing suitable for all micro irrigation applications. Tube is available in the most widely used standards - Australian standard and ASAE (American standard). The tubing is produced in a range of dimensions from 1/2" - 1 1/4" (13mm - 32mm).

ADHESIVES, SEALANTS AND BONDING AGENTS



Adhesives, waterproofing, bonding agents and sealants for many applications including roof coatings, air conditioning and refrigeration, wood and formica adhesives, flooring adhesives, silicon and acrylic sealant, UPVC pipe adhesives and products for industrial and construction applications.

Agriculture and landscape irrigation Equipment

A full range of micro irrigation equipment including fittings, bubblers, emitters and foggers. In addition to its own manufactured range, National Plastic stocks and sells the Fitco Irrigation range including agricultural and landscape irrigation, filtration, fertilization, equipment covering turf, golf courses, agriculture, town beautification, public gardens, etc.



A Few Worldwide Projects

National Plastic products have been used in thousands of projects in four continents.

AFGHANISTAN

- Water Distribution Network for relief project in Kabul
- uPVC well casing and screen for Aid Agency project

ALGERIA

- Water well projects

ANGOLA

- Rural water distribution

AUSTRALIA

- Environmental Monitoring System

AZERBAIJAN

- AGT Pipeline Facilities, Baku

BAHRAIN

- Irrigation Network System
- Municipal Water Supply

BANGLADESH

- Telecommunication Network Dhaka

CAMBODIA

- Village Water Supply System in Phnom Penh

CAPE VERDE

- Water Distribution Network

CHAD

- Water well projects

CHINA

- UN Funded Water well projects

COMOROS

- Water Distribution System

CONGO

- uPVC & CPVC Pipe System for 100 Villa Project, Kinshasa

CYPRUS

- Water Supply Distribution Network

DJIBOUTI

- Housing Drainage Network Djibouti

EGYPT

- Water Supply Distribution System Cairo

ERITREA

- Town Water Supply & Drainage Network, Asmara
- Drip Irrigation System Citrus Fruit Farm, Asmara

ETHIOPIA

- Town Water Distribution Network Addis Ababa
- Town Sewerage & Drainage Addis Ababa

FRANCE

- Drip Irrigation System Paris

GAMBIA

- Rural Water Distribution

GEORGIA

- Water Supply Distribution Network

GERMANY

- Environmental Monitoring System

GHANA

- UPVC fittings for building projects

HONGKONG

- uPVC Pipe System for Government projects

INDIA

- Pilot Drip Irrigation System for Horticultural Project in Central India
- UPVC pipes for golf course

IRAN

- Irrigation equipments for Tehran Municipality projects

IRAQ

- uPVC Pipes and Fittings for UN funded water distribution projects

ITALY

- Pipe & Irrigation System

JAPAN

- Micro Irrigation System for Greenhouse Company

JORDAN

- Casing & Screen for rural water well projects
- uPVC Pipe System for water supply network

KENYA

- Water well projects
- Drip Irrigation System

KUWAIT

- uPVC Pipes for Kuwait Oilfield installation
- LDPE pipes for Kuwait Oil Company

KYRGHZYSTAN

- Housing complex Water Distribution Network, Bishkek

LAOS

- Water Supply Distribution Network

LEBANON

- Drainage Pipes for housing project in Beirut

LIBYA

- Water well Projects
- Cathodic Protection System

MAURITIUS

- uPVC Pipes for Water Supply & Irrigation, Port Louis

MADAGASCAR

- Water well Projects

MALAYSIA

- Water well Projects

MOROCCO

- Water Distribution Network Rabat

MYANMAR

- Community Water Supply System Yangon

NEPAL

- Water Distribution Networks Kathmandu

NEW ZEALAND

- Micro Irrigation equipment for irrigation company

NORTH KOREA

- Water Distribution Network

OMAN

- uPVC Well Casing and Screens for various agriculture projects
- Waterproofing Roof coating Ministry of Agri., Inform & Health Muscat

PAKISTAN

- Telecommunication Network Karachi
- uPVC Pipe / Well casing and screen for UN funded projects

PHILIPPINES

- UPVC pipes for golf course

QATAR

- Central A/C Coating System, Sports Stadium, Doha
- uPVC Pipes for Ras Laiffan Housing Project

RUSSIA

- Fit-Flex for building projects

RWANDA

- Village Water Supply Network Kigali

SAUDI ARABIA

- Telephone duct for Saudi Arabia Telecom
- uPVC Pipes for various irrigation / landscape projects

SENAGAL

- Water Supply Network

SINGAPORE

- Water Supply System

SOMALIA

- Rural Water Supply System



SPAIN

- Heavy duty casing & screen for Power Generating Authority in Northern Spain

SRI LANKA

- Various Waterproofing Roof Coating projects

SUDAN

- Waterproofing Roof Coating Rep. Palace & Airport, Khartoum
- Water well projects, Khartoum

SYRIA

- Micro Irrigation System for various agricultural projects

TANZANIA

- Village Water Supply System Dar es Salaam

TURKMENISTAN

- Residential Water Supply System, Ashgabat

UNITED ARAB EMIRATES

- International City, Dubai
- Festival City, Dubai
- International Airport Expansion, Dubai
- Burj Dubai
- Jumeirah Lake Towers
- Green Community
- Palm Islands
- Jumeirah Beach Residence
- Conference Palace Hotel, Abu Dhabi
- Arabian Ranches
- Al Raha Beach Resort
- Medical College, Al-Ain
- Reem Island, Abu Dhabi

UGANDA

- Water Supply Distribution Network Kampala

UNITED KINGDOM

- Water Supply Network in Central England

UZBEKISTAN

- Golf Course Irrigation Network System, Tashkent

VIETNAM

- uPVC Well Casing & Screen for Aid project
- uPVC pipes & fittings for town water supply
- uPVC pipes for several golf courses

YEMEN

- uPVC pipes & fittings & irrigation System for World Bank funded projects

ZAMBIA

- Water well Projects



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