



**WRAS**

Water Regulations  
Advisory Scheme



The Irrigation  
Association



Water Quality  
Association



003



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 m<sup>2</sup>.

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 compliment 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 upto 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 upto 16" (400mm). CPVC is suitable for conveying pressurized hot fluids upto 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" upto 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 upto 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.

## KYRGHYZSTAN

- 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 Katmandu

## 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 Laffan 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 & Airprt, Khartoum
- Water well projects, Khartoum

## SYRIA

- Micro Irrigation System for various agricultural projects

## TANZANIA

- Village Water Supply System Dares 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





# OUR ALLIES IN PROVIDING SUPERIOR QUALITY PRODUCTS

**fitco**  
*adhesives*



**fitco**  
IRRIGATION

*ezyflo*



**CORZAN**



**REDI**



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