

DADEX

LET'S BUILD TOGETHER



Hot and Cold Water Supply



Soil, Waste and Vent (SWV)



Drainage / Sewerage



Utilities



Water & Gas Supply



Special Applications

Dadex was established as a public limited company in 1959.

Headquartered in Karachi, Pakistan, our manufacturing facilities, based in Karachi, Hyderabad and Sunder are equipped with state of the art machinery and in-house testing laboratory for superior quality.

At Dadex Eternit Limited, we strive to meet versatile needs of our ever growing customer base. Over 55 years of extensive experience in offering solution for architecture, telecommunication, infrastructure housing & construction, agriculture, we stand stronger than ever before.

Our real strength lies in customer's delight that can only be achieved by providing quality products that meet their requirements backed by strong customer support. In our quest to lead by example, our joint efforts have led Dadex to ISO 9001, ISO 14001, OHSAS 18001 certifications and accreditation for supreme product performance and quality by the Pakistan Standards & Quality Control Authority (PSQCA)



“...to be the most valued
company for all stakeholders,
renowned for customer focus,
innovation, quality, reliability
& ethical practices.”



DADEX Vision

Hot and Cold Water Supply

DADEX 

Polydex is designed for transport of hot and cold water. It can be used for distribution systems in housing, administration, community buildings as well as for industrial installations.

Material : Polypropylene Random.

Appearance : Green colour.

Standards & Specifications : Pipes DIN 8077-8078 PN 20
Fittings DIN 16962 PN 25

Available Range : Diameters 20, 25, 32, 40, 50, 60, 75, 90, 110, 125, 160, 180, 200 and 250mm in standard lengths of 4 m. Larger size diameters can be supplied upon request.

Features & Benefits :

- Resistance to corrosion & abrasion
- Welding capability
- Material insert in fittings
- Easy to handle & transport
- Reduced head loss
- Environment friendly
- Low electrical & heat conductivity
- Noise free
- Simple to join and quick to install
- maintenance free

Joining Method : Heat fusion

POLYDEX



Hot and Cold Water Supply

DADEX **wavin**

Thermoline (PPR) system is cost effective and designed for transport of hot and cold water network. It can be used for distribution system in domestic, commercial buildings, community buildings as well as industrial installations.

Material : Polypropylene Random (PPR)

Appearance : Gray colour.

Standards & Specifications : Pipes DIN 8077 and DIN 8078 in PN 16 and PN 20
Fittings TS EN ISO 15874-3 (Imported from Wavin Pilsa, Turkey)

Available Range : Outside Diameters - 20, 25, 32, 40, 50, 63, 75, 90 and 110mm,
Pipes are available in 4m. Larger size diameters can be supplied upon request.

Features & Benefits :

- Easy to handle & transport
 - Suitable in seismic areas
 - Resistance to corrosion & abrasion
 - Simple to join and quick to install
 - Nickel plated brass insert fittings
 - Approved internationally for drinking water
 - Environment friendly & food grade
 - Welding capability
 - Resistant to frost
 - Reduce head loss & maintenance free
 - Poor conductor of heat
-

Joining Method : Heat fusion

Thermoline



Soil, Waste and Vent



Nikasi is a complete soil, waste and vent (SWV) system used for domestic and industrial discharge systems.

Material : Unplasticised Polyvinyl Chloride (PVC-U)

Appearance : Light gray colour.

Standards & Specifications : Nikasi pipes conform to ISO 3633 & EN 1329. The fittings with solvent cement socket jointing and with rubber ring socket joint, both conform to ISO 3633 & EN 1329. Dadex rubber ring are manufactured as per PS 1915 & ISO 4633.

Available Range : Diameters 40, 50, 75, 110, 160 and 200mm in lengths of 3 & 4 m.

Features & Benefits :

- Low flow loss
- Non-corrosiveness & chemical resistance
- Light weight
- Self-extinguishing
- Non-conductivity of electricity

Jointing Method : Solvent cement jointing and rubber ring push fit jointing.

The Nikasi logo, featuring the brand name in a stylized blue font.



Soil, Waste and Vent

DADEX

ECO is a complete soil waste and vent (SWV) system for domestic and industrial discharge network within buildings. It is affordable and very economical.

Material : Unplasticised Polyvinyl Chloride (PVC-U).

Appearance : ECO pipes & fittings white in colour

Standards & Specifications : BE EN 1329, BS 4514

Available Range : Outside diameters 2" (56mm), 3" (82mm), 4" (110mm) and 6" (160mm) in length of 3m & 4m.

Features & Benefits :

- Light weight
 - Self-extinguishing
 - Resistance to corrosion
 - Simple to join and quick to install
 - Non-conductor of electricity
 - Low flow loss
 - Inside smooth bore
 - Chemical resistant
 - Maintenance free
-

Joining Method : Solvent Cement Joining.

eco



Drainage / Sewerage

DADEX

Flowline is an ideal solution for underground drain and sewer application in homes, commercial plazas and community buildings

Material : Unplasticised polyvinyl chloride (PVC-U)

Appearance : Terracotta colour.

Standards & Specifications : Flowline pipes and fittings are manufactured in Accordance with EN 1401.

Available Range : DN 110, 160, 200, 250, 315 and 400mm in standard lengths of 4m and 6m. Larger size diameters can be supplied upon request.

Features & Benefits :

- Efficient disposal
- Low bacterial growth
- Non-corrosiveness & high chemical resistance
- Lightweight and easy to install
- Leak free
- Easy to maintain

Joining Method : Rubber-ring push-fit jointing and solution jointing.



Drainage / Sewerage

DADEX 

A small inspection chamber is a good solution for under ground drainage & sewer system in housing and other building projects.

Material : The base unit is injection moulded polypropylene

Appearance : Black colour

Standards & Specifications : Relevant Product standard EN 13598-2

Available Range of Base : DN 110, 160 & 200 mm. Range for Connection: Straight 180° & Cross 45° flow profiles with optimal flow performance.

Shaft (Riser) : As Shaft, also locally produced solid wall PVC pipe (Dadex uPVC Flowline pipe) with OD 400 mm can be applied.

Features & Benefits :

- High durability & Excellent impact strength.
- Sewer environment, Corrosion resistant.
- System is watertight due to sealing concept
- Smooth internal surface

Installation Depth : 1.5 m

INSPECTION CHAMBER



Utilities

DADEX

Dadex cable duct systems can be used for guiding and protecting cables used for various telecommunications, data and energy networks such as long haul networks, city rings and inter-city network.

Material : Polyethylene PE and unplasticised polyvinyl chloride PVC-U.

Appearance : PVC-U ducts: Gray colour with one end of the pipe sockete
PE ducts: Black colour with a ribbed interior surface.

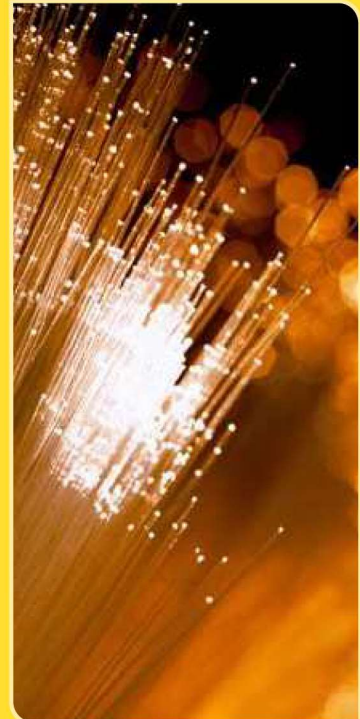
Available Range : PVC-U ducts: Diameters 40, 50, 75, and 110 mm in lengths of 6 m.
PE ducts: Diameters 25, 32, 50, and 90 mm in coils of 100 m.

Features & Benfits :

- Durability
 - Superior resistance to corrosion, chemicals, weather & abrasion
 - Leak proff joints, preventing ingress of ground water
 - Easy to handle and install
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Jointing Method : PVC-U ducts: Solvent cement or Rubber ring joints.
PE ducts: Compression fittings.

Cable Duct Systems for Fibre Optics



Utilities

DADEX

Dadex Electrical Conduits are manufactured for the safe use of electricity.

Material : Unplasticised polyvinyl chloride PVC-U.

Appearance : Gray colour.

Available Range : Diameters ½", ¾", 1", 1 ¼", 1 ½" and 2" in lengths of 3 m.

Features & Benefits :

- Flexible and uniform in shape
- Resistant to chemical reactions
- Yield best results while concealed in concrete or used underground
- Heat resistant, rust-proof and free from decomposition
- Smooth internal & external surface

Electrical Conduits



Water Supply

DADEX

PVC-U pressure pipe system is a permanent solution for the main potable water supply pipeline

Material : Unplasticised polyvinyl chloride (PVC-U)

Appearance : Dark gray colour.

Standards & Specifications :

Pipes	BS 3505 BS EN 1452.
Fittings	BS EN 1452-3 (Imported from EFFAST-Italy)

Available Range : Diameters $\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 2", 2 $\frac{1}{2}$ " , 3", 4", 5", 6" and 8" in standard lengths of 4 and 6 m in classes B (6 bar), C (9 bar), D (12 bar) and E (16 bar). Other sizes of 10" , 12" , 14" and 16" can be manufactured against confirmed orders.

Features & Benefits :

- Total resistance to corrosion, abrasion and growth of algae and fungi.
- Light in weight, durable and economical.
- Simple to join & quick to install.
- Non-toxic and non-conductive.
- Smooth bore.
- Self-extinguishing.

Joining Method : Solvent cement jointing and z-joint with rubber rings.

PVC-U Pressure Pipe System



Water Supply

DADEX

Dadex is the pioneer in introducing state-of-the-art technology for development of PVC-U casing screen pipes.

Material : Unplasticised polyvinyl chloride PVC-U.

Appearance : Gray colour.

Available Range & Specifications :

Diameters 4" & 6" (class D), 8" & 10" (class C & D) in lengths of 4 m.

Features & Benefits :

- Corrosion resistant
- Lightweight
- Easy to handle & install
- Economical
- No electro-chemical action with water thus preventing encrustation in pieps

Joining Method : Threaded Joint and bell end / solution joint

Tubewell Casing & Screen Pipes System



Water Supply

DADEX

T-flex pipes systems are designed for many pressure and non pressure applications such as distribution of water, compressed air, industrial effluents, hazardous wastes, house & service connections, mining, agriculture, fibre optic cable ducting and various other applications.

Material : Polyethylene PE-100.

Appearance : Black or Black in colour with blue stripes.

Standards & Specifications : T-flex pipes are manufactured according to international standard ISO 4427-2(E):2007, DIN 8074/8075 and PS 3580:1997

Available Range : Diameters 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200, 315, 355, 400, 450, 500, 560, and 630, mm length of 6 m and 12 m for sizes up to 630 mm.

Coils up to 50 m and 100 m are available for sizes up to 90 mm.

Features & Benefits :

- Flexibility & toughness
- Sealed joints
- Non-sontaminating (food grade material)
- Outstanding chemical resistance
- Identification stripes & colours
- Light weight & easy to install
- Excellent hydraulics
- UV resistant

Joining Method : Compression fitting, butt fusion & electro fusion.

T-flex
Polyethylene



Gas Supply

DADEX

Gas lines require piping systems that deliver high quality, high performance and are maintenance free. This makes Dadex's T-flex system for gas the ideal solution. Our specially produced T-flex gas pipes have been successfully installed throughout Pakistan for the supply and distribution of gas.

Material : Polyethylene (PE) PE-80 and PE-100.

Appearance : Bright yellow (PE-80) and bright orange (PE-100).

Standards & Specifications : T-flex pipes conform to ISO 4437, DIN 8074, DIN 8075, ASTM D-2513.

Available Range :

Diameters 20, 25, 32, 40, 50 and 63 mm in coil of 100 m lengths.

Diameters 110, 125, 140, 160, 180, 200, 225 and 250 mm in 6m/12m lengths.

Also available in imperial sizes ¾", 1", 1 ¼", 1 ½", 2", 2 ½", 3", 3 ½", 4" and 6".

Features & Benefits :

- Corrosion resistant
- Relatively light in weight
- Flexible & low frictional resistance
- Good absorption of impact loads vibration & ground movement
- Suitable for narrow trenching resulting in cost saving

Joining Method : Butt fusion and electro fusion.

Tflex
PE Gas Pipes



Special Applications

Hot and Cold Water Supply

DADEX 

Hep2O is an innovative, flexible push-fit plumbing system which is particularly suitable for domestic hot and cold water supply, including potable water.

Material : Polybutylene (PB).

Appearance : White colour.

Standards & Specifications : Hep2O standard pipes are manufactured as per BS 7291: Parts 1 and 2, class S.

Available Range : Diameters 15, 22 and 28 mm in coils lengths of 25 & 50 m.

Features & Benefits :

- No scale build-up
- Corrosion free
- suitable for potable water
- Quieter in use
- High heat insulation
- Solder free
- Less risk jointing
- Easily handled

Jointing Method : Push-Fit

 Hep₂O[®]



Special Applications

Low Noise SWV System



Wavin AS is a unique low noise soil and waste system. It is the plastic alternative to cast iron. Wavin AS features an outstanding sound insulation due to its special molecular structure.

Material : Wavin proprietary material - Astolan.

Appearance : Light gray colour.

Standards & Specifications : Wavin AS conforms to DIN 4102, B2.

Available Range : Diameters 58, 78, 90, 110, 135, 160 and 200 mm in lengths of 3 m

Features & Benefits :

- Complete low noise system
- Light weight, easy to install
- Corrosion resistant
- Smooth bore, free of incrustations
- Optimal for hot & greasy water
- Low installation costs

Joining Method : Rubber ring push fit jointing.

Wavin AS®



Special Applications

Drainage / Sewerage

DADEX 

Wavin X-Stream is a complete range of structured wall plastic pipes and fittings for main sewer/drainage of foul water and rainwater.

Material : Polypropylene (PP).

Appearance : Terracotta colour with light gray inner layer.

Standards & Specifications : Wavin X-Stream system conforms to EN 13476-03.

Available Range : Diameters 150, 200, 250, 300, 400, 450, 500, 600, and 800 mm in lengths of 3 & 6 m.

Features & Benefits :

- Pipes are easy to handle and robust
- High hydraulic capacity due to the smooth inner wall
- Extremely durable due to the high abrasion resistance & stiffness of the pipes & fittings
- Full range of fittings & adaptors to plastic & non-plastic systems
- Light gray inner wall to facilitate inspection & use of CCTV

Joining Method : Push-Fit jointing

Wavin X-Stream



Special Applications

Fuel Transfer

DADEX

Internationally approved Durapipe P-LX fuel system are designed to safely convey petrol, diesel and fuel oil in below ground applications while ensuring harmful emissions of volatile organic compounds cannot escape into the environment.

Material : Polyethylene with specialized inner liner.

Appearance : Black colour.

Standards & Specifications :

Pipe En14125, DIN 8074, 8075, OFTEC, EI, UL971v1, IPv1

Fittings En14125, BS EN 1555, OFTEC, AREL (Transitions), EI, UI971v1

Available Range : Diameters 32, 50, 63, 90 110 and 160 mm in straight lengths of 6 m.

Features & Benefits :

- Suitable for pressure and vacuum application
 - Resists fuel permeation
 - Suitable for use with leaded, unleaded petroleum, including ethanol rich alternative fuels (E85), diesel, bio-diesel and fuel oils.
 - Corrosion resistant
 - Protects the environment
 - Easy to install
-

Joining Method : Electrofusion.

PLX

Safe Pipework for Fuel



Special Applications

Wall Cladding (Interior & Exterior)

DADEX

Dadex ACP (Aluminum Composite Panel) is a modern and new-generation building material providing a huge range of possibilities to architects and designers. It is the perfect solution for interior and exterior building cladding and signage.

Material :

Top Layer : Aluminum coated with your choice of PVDF or polyester
Core : Non-toxic core of your choice of polyethylene or fire retardant minerals
Bottom Layer : Aluminum in mill finish or coated with primer paint

Appearance : Available in a wide range of colours.

Available Range :

Thickness : 3,4 & 6 mm
Width : 1220 & 1250 mm
Length : 2.44, 3.0, 3.2 m (max. 5.0 m)

Features & Benefits :

- Strong & light weight
- Ease & speed of installation
- Visually pleasing
- Superior flatness
- Insulation against heat, cold & sound
- Fire resistant
- Manufactured under strict quality controls as per international standards

ALUMINUM CLADDING

Unique - resilient and versatile



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