



COMPANY PROFILE

2024

Our commitment to quality, integrity, and customer satisfaction is evident in every aspect of our operations.

MORE INFO

www.nyalkaranglobe.com



ABOUT US..

“NYALKARAN GLOBE EXPORT” ESTABLISHED IN 2024, IS A GLOBAL LEADER IN EXPORTING **HIGH-QUALITY PIPE AND PIPE FITTINGS AND FABRICATED FITTINGS**. SINCE OUR INCEPTION, WE HAVE BEEN DEDICATED TO PROVIDING **RELIABLE PIPING SOLUTIONS** THAT MEET INTERNATIONAL STANDARDS. CURRENTLY, WE PROUDLY SERVE CLIENTS ACROSS THE AFRICAN , KUWAIT, QATAR AND NORTH AMERICAN REGIONS, ENSURING THEIR **INFRASTRUCTURE AND INDUSTRIAL** NEEDS ARE MET WITH PRECISION AND EXCELLENCE.

OUR COMMITMENT TO INNOVATION, SUSTAINABILITY, AND CUSTOMER SATISFACTION DRIVES US TO CONTINUALLY EXPAND OUR REACH. WITH PLANS TO PENETRATE NEW MARKETS AND FOSTER LONG-TERM PARTNERSHIPS WORLDWIDE, **“NYALKARAN GLOBE EXPORT”** IS POISED TO CONNECT **INDUSTRIES AND COMMUNITIES THROUGH SUPERIOR PIPING SOLUTIONS**.

WITH OVER A DECADE OF EXPERIENCE IN THE INDUSTRY, WE TAKE PRIDE IN DELIVERING PRODUCTS THAT MEET RIGOROUS STANDARDS AND CATER TO DIVERSE NEEDS ACROSS VARIOUS SECTORS. OUR SKILLED TEAM IS DEDICATED TO DEVELOPING RELIABLE SOLUTIONS THAT ENHANCE THE EFFICIENCY AND PERFORMANCE OF YOUR PROJECTS.

OUR PIPE...

HDPE PIPE



“NYALKARAN GLOBE EXPORT” PIPES IS AN ISO - 9001 : 2000 PRODUCT. A WELL ESTABLISHED IN HDPE PIPES.

“NYALKARAN GLOBE EXPORT” HDPE PIPE ARE MANUFACTURED AS PER THE INDIA & INTERNATIONAL SPECIFICATIONS I.E. **IS : 4984, ISO : 4427, ISO : 4437 PRESENTLY UP 20MM TO**

SIZE 315MM IN ALL PRESSURE CLASS MANUFACTURING MATERIAL **GRADE PE 100, PE 80, PE 63.**



“NYALKARAN GLOBE EXPORT” HDPE PIPE DELIVERS EXCEPTIONAL VALUE, UNWAVERING RELIABILITY AND REMARKABLE ADVANTAGES OVER CONVENTIONAL TYPE OF PIPING ITS TODAY RIGHT CHOICE FOR PORTABLE WATER, DRAINAGE, TUEIGAS, CONDUIT, IRRIGATION & TELECOM APPLICATION.



“NYALKARAN GLOBE EXPORT” (PP)

- POLYPROPYLENE PIPE ARE MADE IN RANGE OF 20 MM OD TO 250 MM OD.
- SINCE THERE IS NO BIS SPECIFICATIONS FOR P.P. PIPES, POLYPROPYLENE PIPES MANUFACTURE ARE AS PER DIN-8077

FEATURES

- LONG TERM SERVICES LIFE.
- HIGHLY-RESISTANT TO CORROSION, ABRASION AND CHEMICALS.
- STRONG, DURABLE, FLEXIBLE AND LIGHT WEIGHT.
- LONGER-LENGTH PIPE WITH LEAK PROOF JOINTS.
- LOWER LOBAR REQUIREMENT FOR INSTALLATIONS.
- SPECIFICATIONS OVER ALL SOIL CONDITION AND EARTH QUAKE PRONE AREAS.
- IDEAL IN SHIFTING SOIL CONDITION AND
- EARTH QUAKE PRONE AREAS.

APPLICATIONS OF HDPE PIPES..

1. Water Supply Systems

- Transportation and distribution system
- House service connection e.g. Municipal water bodies, SEZ's, layout's, etc.

2. Industrial

- Effluents, chemicals and treated/untreated water disposal
- As hydro transport system for handling and conveyance of iron, coal and cement slurry in mines
- For conveyance of edible oil, fruit pulps, juices, milks and other food materials.
- As a ventilation and air conditioning duct.

3. Environmental Protection

- Underground drainage and sewerage application rehabilitation of existing sewer.
- Effluent and waste treatment plants.
- Dust suppression pipping systems in cement industry.
- Sand slurry disposal pipes in dredging.

4. Agriculture

- Column piping for submersible and jet pumps.
- Suction and delivery pipes.
- Sprinkler and drip irrigation systems.
- Lift irrigation & insecticide spraying.

5. Other

- Transportation of chemicals, solids, gas and oils
- Underwater pipelines, Desalination plants.
- Telecommunication cable ducting (PLB duct.)
- Telecommunication cable ducting (PLB duct.)

OUR PIPE FITTINGS ...

PP COMPRESSION FITTING

OUR PP COMPRESSION FITTINGS ARE DESIGNED FOR **VERSATILITY AND DURABILITY**, MAKING THEM IDEAL FOR APPLICATIONS, INCLUDING WATER IRRIGATION AND INDUSTRIAL USE. WE OFFER A COMPREHENSIVE RANGE OF FITTINGS, INCLUDING **COUPLER, TEE, ELBOW, END CAP, MALE THREADED ADAPTOR (MTA), FEMALE THREADED ADAPTOR (FTA), ELBOW OFF-TAKE, TEE OFF-TAKE, REDUCER, AND TEE REDUCER** AVAILABLE IN SIZES

RANGING FROM **20MM TO 110MM**, PP COMPRESSION FITTINGS COME IN THREE TYPE'S OF **COLOURS GREEN, BLUE AND BLACK** THESE FITTINGS ALLOW YOU TO SELECT THE PERFECT DIMENSIONS FOR YOUR SPECIFIC NEEDS. MADE FROM HIGH-QUALITY **POLY POLYPROPYLENE** MATERIAL, WITH A PRESSURE RATING OF **12 KG**, OUR PP COMPRESSION FITTINGS ENSURE **RELIABLE PERFORMANCE AND LONGEVITY** IN DEMANDING CONDITIONS, PROVIDING THE QUALITY AND RELIABILITY YOU REQUIRE FOR YOUR PROJECTS.



MATERIAL AND COMPONENTS



HDPE PIPE FITTINGS...

HDPE (HIGH-DENSITY POLYETHYLENE) PIPE FITTINGS ARE ESSENTIAL COMPONENTS USED TO CONNECT, BRANCH, OR ALTER THE DIRECTION OF HDPE PIPES IN PIPING SYSTEMS. SIZE 20 MM TO 1200MM THEY ARE MADE FROM **HIGH-DENSITY POLYETHYLENE**, WHICH IS KNOWN FOR ITS SUPERIOR RESISTANCE TO CORROSION, CHEMICALS, AND IMPACT. THESE FITTINGS ENSURE LEAK-FREE AND DURABLE CONNECTIONS IN WATER DISTRIBUTION, **SEWAGE, INDUSTRIAL FLUID -**



HANDLING, AND GAS SYSTEMS. HDPE FITTINGS ARE TYPICALLY JOINED USING BUTT FUSION OR ELECTROFUSION, BOTH OF WHICH CREATE LEAK-PROOF AND STRONG JOINTS. THIS ENSURES HIGH-PRESSURE RESISTANCE AND REDUCES THE RISK OF LEAKS IN THE SYSTEM.

1. ELBOW FITTINGS:

- USED TO CHANGE THE DIRECTION OF THE FLOW IN THE PIPE SYSTEM, TYPICALLY AT 45° OR 90° ANGLES.
- AVAILABLE IN BOTH LONG AND SHORT RADIUS OPTIONS, DEPENDING ON THE APPLICATION.

2. TEE FITTINGS:

- USED TO COMBINE OR SPLIT THE FLOW OF FLUID INTO TWO DIRECTIONS AT A 90° ANGLE.
- AVAILABLE IN EQUAL TEES (FOR PIPES OF THE SAME SIZE) OR REDUCING TEES (FOR DIFFERENT SIZES).

3. FLANGE ADAPTERS (STUB ENDS):

- THESE ARE USED TO CONNECT HDPE PIPES TO OTHER PIPING SYSTEMS VIA A FLANGE AND BACKING RING. THEY ARE JOINED TO THE PIPE BY BUTT FUSION OR ELECTROFUSION WELDING.

4. FLANGES:

- THESE ARE INTEGRAL HDPE FITTINGS WITH A FLANGE FACE, USED TO DIRECTLY CONNECT PIPES TO OTHER FLANGED COMPONENTS.

5. REDUCERS:

- USED TO JOIN PIPES OF DIFFERENT SIZES. THEY HELP TRANSITION FROM A LARGER DIAMETER TO A SMALLER ONE (OR VICE VERSA).

6. END CAPS:

- END CAPS ARE USED TO SEAL THE END OF A PIPE, PREVENTING LEAKAGE.

APPLICATIONS OF HDPE FITTINGS:

- WATER SUPPLY SYSTEMS: FOR BOTH POTABLE AND NON-POTABLE WATER.
- GAS PIPELINES: SAFE TRANSPORT OF NATURAL OR LPG GASES.
- SEWAGE SYSTEMS: LEAK-PROOF CONNECTIONS FOR WASTE DISPOSAL.
- IRRIGATION: DURABLE FITTINGS FOR AGRICULTURAL WATER DISTRIBUTION.
- INDUSTRIAL APPLICATIONS: HANDLING CHEMICALS, SLURRIES, AND EFFLUENTS.
- MINING: FOR TRANSPORTING ABRASIVE MATERIALS LIKE SLURRY.

OUR PIPE FITTINGS...

HDPE SPIGOT FITTINGS

HDPE SPIGOT FITTINGS ARE PIPE CONNECTORS MADE FROM **HIGH-DENSITY POLYETHYLENE**, DESIGNED FOR DURABLE AND LEAK-PROOF CONNECTIONS IN PIPING SYSTEMS. **THESE FITTINGS INCLUDE ELBOWS, TEES, REDUCERS, END CAPS, AND COUPLINGS**, WITH SIZES RANGING FROM **20MM TO 1200MM** OR LARGER, DEPENDING ON THE APPLICATION. **HDPE SPIGOT FITTINGS ARE SUITABLE FOR PRESSURE RATINGS FROM PN 10**, ACCOMMODATING LOW TO HIGH-PRESSURE REQUIREMENTS. THEY ARE WIDELY USED IN WATER SUPPLY, SEWAGE SYSTEMS, GAS PIPELINES, AND IRRIGATION NETWORKS DUE TO THEIR EXCELLENT CORROSION RESISTANCE, LIGHTWEIGHT NATURE, AND LONG SERVICE LIFE. THESE FITTINGS PROVIDE A SECURE JOINT WITH MINIMAL MAINTENANCE, IDEAL FOR UNDERGROUND AND ABOVE-GROUND INSTALLATIONS.



PP FITTINGS (GREY)

PP GREY BUTT WELD FITTINGS ARE A SPECIFIC TYPE OF PIPE FITTING MADE FROM POLYPROPYLENE (PP), A THERMOPLASTIC POLYMER, AND TYPICALLY COME IN A **GRAY COLOUR**. THESE FITTINGS ARE DESIGNED TO BE USED IN **PIPING SYSTEMS TO CONNECT, CONTROL, OR REDIRECT** THE FLOW OF FLUIDS, SUCH AS WATER, CHEMICALS, AND OTHER MATERIALS. THE "**BUTT WELD**" TERM REFERS TO THE METHOD USED FOR JOINING THESE FITTINGS TO PIPES, WHICH INVOLVES WELDING THE FITTING'S END DIRECTLY TO THE PIPE'S END, CREATING A STRONG AND LEAK-PROOF CONNECTION.

MATERIAL:

- POLYPROPYLENE (PP) IS A LIGHTWEIGHT, DURABLE, AND CHEMICALLY RESISTANT THERMOPLASTIC POLYMER.
- IT IS HIGHLY RESISTANT TO A WIDE RANGE OF CHEMICALS, ACIDS, AND BASES.
- THE GREY COLOUR IS OFTEN USED FOR EASE OF IDENTIFICATION, BUT THE MATERIAL ITSELF CAN BE USED FOR A VARIETY OF APPLICATIONS.

TYPES OF PP GREY BUTT WELD FITTINGS:

IT SEEMS YOU'RE LOOKING FOR A SHORT DESCRIPTION OR OVERVIEW OF THE **PP GREY FITTINGS LIKE TEE, ELBOW, END CAP, LONG NECK, REDUCER, FLANGE, AND TAIL PIECES** IN PREGRAF. HERE'S A CONCISE SUMMARY:

1. **TEE FITTING:** CONNECTS THREE PIPES, TYPICALLY USED TO BRANCH OFF OR COMBINE FLOWS.
2. **ELBOW FITTING:** CHANGES THE DIRECTION OF FLOW, AVAILABLE IN 45° AND 90° ANGLES.
3. **END CAP:** CLOSES THE END OF A PIPE TO STOP THE FLOW.
4. **LONG NECK:** A FITTING WITH AN EXTENDED NECK FOR BETTER CONNECTION OR WELDING.
5. **REDUCER:** CONNECTS PIPES OF DIFFERENT SIZES, REDUCING OR INCREASING DIAMETER.
6. **FLANGE:** JOINS PIPES WITH A BOLTED CONNECTION FOR SECURE, LEAK-PROOF FITTINGS.
7. **TAIL PIECE:** CONNECTS PIPE ENDS TO EQUIPMENT, VALVES, OR OTHER FITTINGS.

HDPE FABRICATED FITTINGS...

HDPE (HIGH-DENSITY POLYETHYLENE) FABRICATED FITTINGS ARE CUSTOM-MADE COMPONENTS USED IN PIPING SYSTEMS. THESE FITTINGS ARE CREATED BY **WELDING OR HEAT FUSION** OF HDPE PIPES INTO SPECIFIC SHAPES, SIZE 63MM TO 1600MM

HDPE Fabricated Fittings: Product Names and Descriptions

- **45° Elbow:**

Description: A fitting used to change the direction of the pipeline by 45 degrees. Ideal for minor directional adjustments in the system.

- **90° Elbow:**

Description: Used to change the direction of the pipeline by 90 degrees, often employed in situations requiring a sharp turn in the system layout.

- **Tee:**

Description: A fitting that branches the pipeline into two directions. Commonly used to create a split in the flow of fluids or gases in a system.

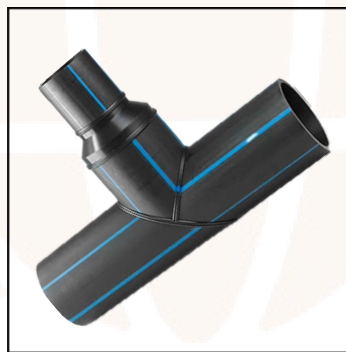
- **CROSS:**

Description: Similar to a tee, but with four outlets, allowing for a four-way connection. It is used in complex pipeline systems requiring multiple connections.

- **Tee Reducer:**

Description: A tee fitting that also incorporates a reduction in pipe size. It is used to connect pipes of different diameters while branching the pipeline.

MATERIAL AND COMPONENTS



These HDPE fabricated fittings are durable, flexible, and commonly used in industries such as **water distribution, sewage, chemical transport, and irrigation systems.**

ELECTROFUSION FITTINGS..

20mm to 1200mm



COUPLER



90* ELBOW



90* TEE



REDUCER



END CAP



45* ELBOW



SERVICE SADDLE



TAPING TEE



315MM ELECTROFUSION WELDING MACHINE



TYPE'S OF BALL VALVE...



THREAD VALVE



BALL VALVE



**BUTWELD
TYPE VALVE**



**WHITE FLANGE
VALVE**



**BLACK
FLANGE VALVE**



**PP TOP
ENTRY VALVE**



**IRRIGATION
VALVE**



**BUTWELD AND
ELECTROFUSION
TYPE**



**PP COMPRESSION
BALL VALVE**



3 WAY VALVE



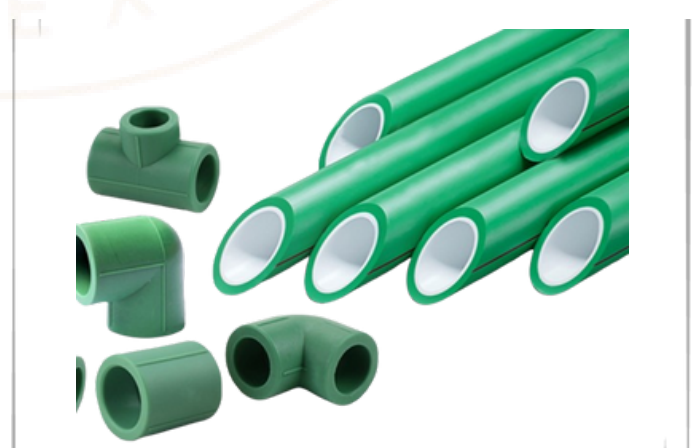
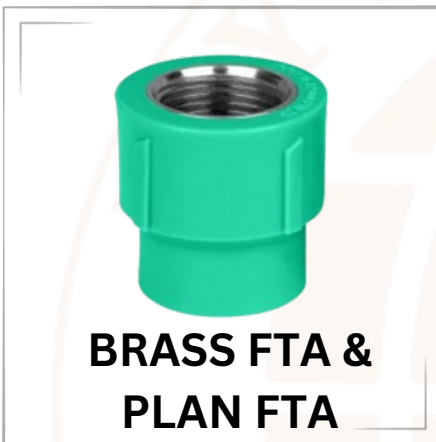
UNION VALVE



PP FOOT VALVE

PPR PPR-C PIPE FITTINGS...

20mm to 630mm





FACTORY ADDRESS



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