



BUSINESS ESSENCE

Quality That Shapes Your Business



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About Us

ESTABLISHED IN 2009, “**RUDRA PLAST**” HAS BECOME A LEADING MANUFACTURER AND EXPORTER OF HIGH-QUALITY PLASTIC FITTINGS, INCLUDING (**HDPE PIPE FITTINGS, PP COMPRESSION FITTINGS, MDPE PIPE FITTINGS, SPIGOT FITTINGS, ELECTROFUSION FITTINGS, PPR FITTINGS, SERVICE SADDLES, AND D-JOINTS.**) UNDER THE LEADERSHIP OF **SANJAY PATEL**, OUR COMPANY HAS CONSISTENTLY PRIORITIZED INNOVATION, QUALITY, AND CUSTOMER SATISFACTION.

OUR CHIEF MARKETING OFFICER, **JAYDEEP PATEL**, PLAYS A CRUCIAL ROLE IN CONTINUOUSLY CREATING VALUE AND MEETING THE EXPECTATIONS OF OUR CLIENTS. HIS COMMITMENT TO ENHANCING PRODUCT QUALITY AND RESPONSIVENESS TO MARKET NEEDS ENSURES THAT WE DELIVER RELIABLE SOLUTIONS TAILORED TO OUR CUSTOMERS' REQUIREMENTS.

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.

AT “**RUDRA PLAST**”, WE ARE COMMITTED TO MAINTAINING OUR REPUTATION FOR EXCELLENCE WHILE ADAPTING TO THE EVOLVING DEMANDS OF THE MARKET. WE APPRECIATE YOUR TRUST IN US AND LOOK FORWARD TO CONTINUING TO SERVE YOU WITH OUR TOP-NOTCH PRODUCTS AND SERVICES.

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, THESE FITTINGS ALLOW YOU TO SELECT THE PERFECT DIMENSIONS FOR YOUR SPECIFIC NEEDS. MADE FROM HIGH-QUALITY POLY PROPYLENE 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.



MDPE PIPE FITTING

OUR MDPE PIPE 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 ADAPTORS (FTA), ELBOW OFF-TAKE, TEE OFF-TAK, REDUCER, AND TEE REDUCER. AVAILABLE IN SIZE OF 20MM, THESE FITTINGS ALLOW YOU TO SELECT THE PERFECT DIMENSIONS FOR YOUR SPECIFIC NEEDS, MADE FROM HIGH-QUALITY POLY PROPYLENE MATERIAL WITH A PRESSURE RATING OF 16 KG, OUR MDPE FITTINGS ENSURE RELIABLE PERFORMANCE AND LONGEVITY IN DEMANDING CONDITIONS, PROVIDING THE QUALITY AND RELIABILITY YOU REQUIRE FOR YOUR PROJECTS.



PP Compression Fittings



COUPLER

20mmx1/2" 25mmx3/4"
32mmx1" 40mmx1 1/4"
50mmx1 1/2" 63mmx2"
75mmx2 1/2" 90mmx3"
110mmx4"



ELBOW 90°

20mmx1/2" 25mmx3/4"
32mmx1" 40mmx1 1/4"
50mmx1 1/2" 63mmx2"
75mmx2 1/2" 90mmx3"
110mmx4"



TEE 90°

20mmx1/2" 25mmx3/4"
32mmx1" 40mmx1 1/4"
50mmx1 1/2" 63mmx2"
75mmx2 1/2" 90mmx3"
110mmx4"



END CAP

20mmx1/2" 25mmx3/4"
32mmx1" 40mmx1 1/4"
50mmx1 1/2" 63mmx2"
75mmx2 1/2" 90mmx3"
110mmx4"



**MALE THREADED
ADAPTER (MTA)**

20MMX1/2" 20MMX3/4"
25MMX1/2" 25MMX3/4"
25MMX1" 32MMX3/4"
32MMX1" 32MMX1 1/4"
40MMX1" 40MMX1 1/4"
40MMX1 1/2" 50MMX1 1/2"
50MMX2" 63MMX1 1/2"
63MMX2" 63MMX2 1/2"
75MMX2" 75mmx2 1/2"
75mmx3" 90MMX2 1/2"
90MMX3" 90MMX4"
110MMX3" 110MMX4"



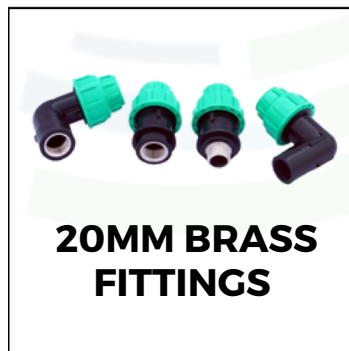
**FEMALE THREADED
ADAPTER (FTA)**

20MMX1/2" 20MMX3/4"
25MMX1/2" 25MMX3/4"
32MMX3/4" 32MMX1"
40MMX1 1/4" 40MMX1 1/2"
50MMX1 1/2" 63MMX2"
63MMX2 1/2" 75MMX2"
75mmx2 1/2" 75mmx3"
90MMX3"



TEE OFF TAKE

20MMX1/2" 20MMX3/4"
25MMX1/2" 25MMX3/4"
32MM3/4" 32MMX1"
32MMX1 1/4" 40MMX1"
40MMX1 1/4" 40MMX1 1/2"
50MMX2 1/2" 50MMX2"
63MMX2" 63MMX2 1/2"
75MMX2" 75MMX2 1/2"



**20MM BRASS
FITTINGS**



ELBOW OFF TAKE

20MMX1/2" 20MMX3/4"
25MMX1/2" 25MMX3/4"
32MMX3/4" 32MMX1"
32MMX1 1/4" 40MMX1 1/4"
40MMX1 1/2" 50MMX1 1/2"
63MMX1 1/2" 63MMX2"

PP Compression Fittings



**COM. FITTINGS
REDUCER (SIZE IN MM)**

25X20, 32X20, 32X25
40X25, 40X32, 50X32
50X40, 63X40, 63X50
75X50, 75X63, 90X63
90X75, 110X75, 110X90



**COM. FITTINGS TEE
REDUCER (SIZE IN MM)**

25X20, 32X20, 32X25
40X25, 40X32, 50X32
50X40, 63X40, 63X50
75X50, 75X63, 90X63
90X75

Materials and Components



COUPLER



ELBOW



TEE



END CAP



**MALE THREADED
ADAPTOR (MTA)**



**FEMALE THREADED
ADAPTER (FTA)**



TEE OFF TAKE



ELBOW OFF TAKE



FEMALE THREAD ELBOW



REDUCER



BRASS FEMALE ELBOW



**BRASS MAIL THREAD
ADAPTER (MTA)**

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. 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.



SERVICE SADDLE



A SERVICE SADDLE IS A SPECIALIZED PIPE FITTING USED TO CREATE BRANCH CONNECTIONS ON EXISTING PIPELINES WITHOUT FULLY CUTTING OR REPLACING THE MAIN PIPE. IT CONSISTS OF A CLAMP BODY WITH A THREADED OR FLANGED OUTLET, ALLOWING EASY ATTACHMENT TO THE MAIN PIPE. SERVICE SADDLES ARE MADE FROM MATERIALS LIKE DUCTILE IRON, STAINLESS STEEL, HDPE, OR BRASS AND ARE COMMONLY USED IN WATER SUPPLY, IRRIGATION, AND GAS DISTRIBUTION SYSTEMS.

SERVICE SADDLES ARE AVAILABLE IN SIZES TO FIT PIPES RANGING FROM **20MM TO 315MM OR LARGER**, WITH **OUTLET SIZES TYPICALLY BETWEEN ½ INCH AND 4 INCHES**. THEY CAN HANDLE **PRESSURE RATINGS FROM PN10**, DEPENDING ON THE MATERIAL AND DESIGN. THESE FITTINGS ARE WIDELY USED FOR CONNECTING SERVICE LINES, ADDING IRRIGATION OUTLETS, OR REPAIRING PIPELINES, OFFERING A QUICK AND EFFICIENT SOLUTION WITH MINIMAL DISRUPTION TO THE MAIN PIPE. THEIR DESIGN ENSURES A SECURE AND LEAK-FREE CONNECTION, MAKING THEM IDEAL FOR RESIDENTIAL, INDUSTRIAL, AND AGRICULTURAL APPLICATIONS.



INTEGRATED SADDLE



DI SADDLE

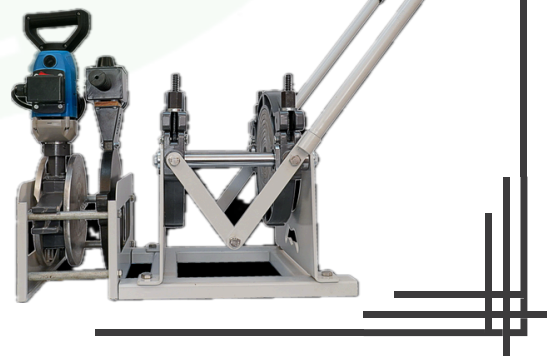
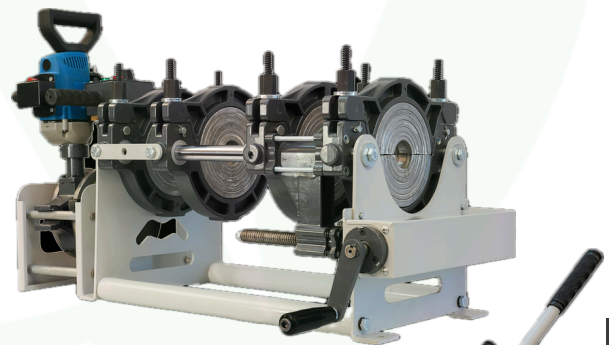
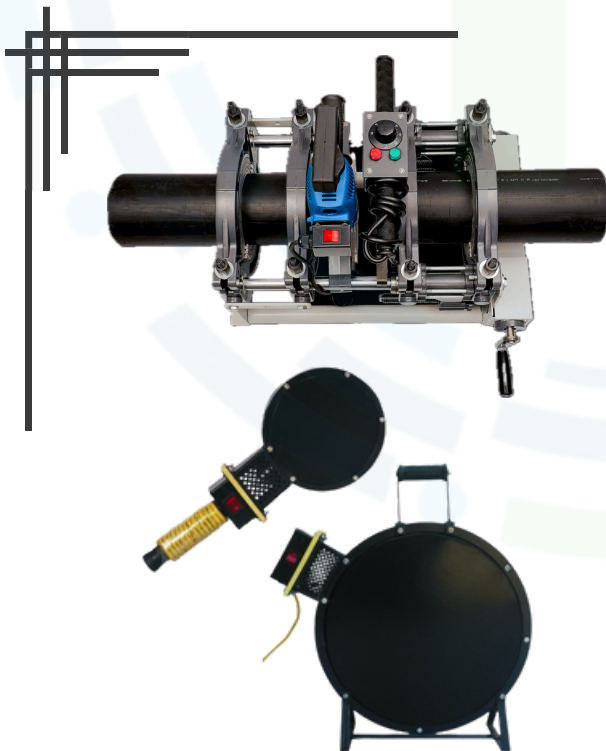
Our Pipe Fittings



D JOINT

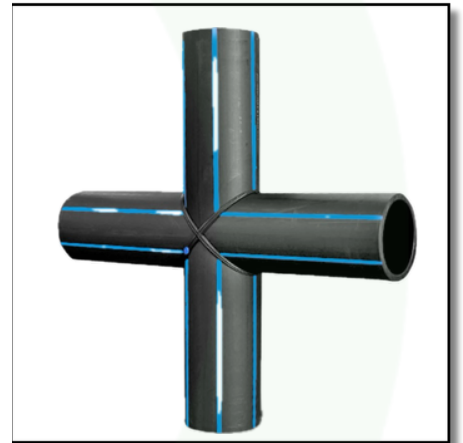
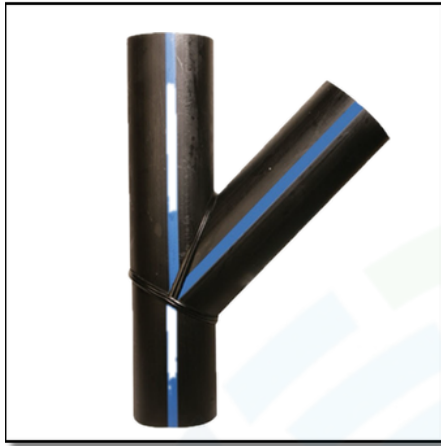
- A **D-JOINT**, IS A TYPE OF MECHANICAL COUPLING USED TO JOIN TWO PIPES SECURELY, PROVIDING FLEXIBILITY AND EASE OF INSTALLATION. IT TYPICALLY CONSISTS OF A MIDDLE SLEEVE AND COMPRESSION RINGS ON EITHER SIDE, SECURED BY BOLTS. THESE JOINTS ARE VERSATILE AND ALLOW FOR MINOR PIPE MISALIGNMENTS OR THERMAL EXPANSION, MAKING THEM AN EXCELLENT CHOICE FOR VARIOUS PIPING SYSTEMS.
- **D-JOINTS** ARE AVAILABLE IN A WIDE RANGE OF SIZES, TYPICALLY FROM 2" INCH TO 10" INCHES OR MORE, DEPENDING ON THE PIPELINE REQUIREMENTS. THEY ARE COMMONLY USED IN WATER DISTRIBUTION, GAS PIPELINES, SEWAGE SYSTEMS, AND INDUSTRIAL APPLICATIONS WHERE QUICK INSTALLATION AND A RELIABLE SEAL ARE ESSENTIAL. THEIR PRIMARY ADVANTAGE IS THE ABILITY TO INSTALL OR REPAIR PIPELINES WITHOUT THE NEED FOR WELDING, MAKING THEM IDEAL FOR MAINTENANCE OR TEMPORARY CONNECTIONS.

HDPE PIPE AND FITTINGS WELDING MACHINE



Fabricated Fittings

40MM TO 250MM FABRICATED FITTINGS



HDPE Electrofusion Fittings

63MM TO 200MM



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

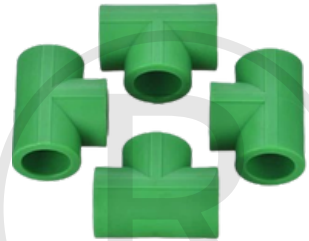
PPR Pipe Fittings



COUPLER



90° ELBOW



90° TEE



**BRASS FTA &
PLAN FTA**



**BRASS MTA &
PLAN MTA**



END CAP



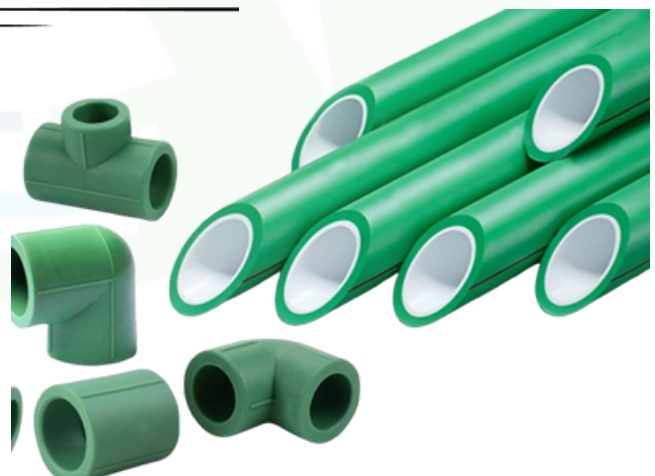
**BRASS ELBOW
OFF TAKE**



REDUCER



**BRASS FEMALE
ELBOW**



Get In Touch



Thank you



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