



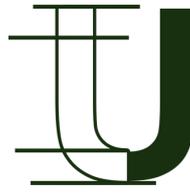
EA URAS GRUP
MİMARLIK



IRRIGATION CATALOG 2025



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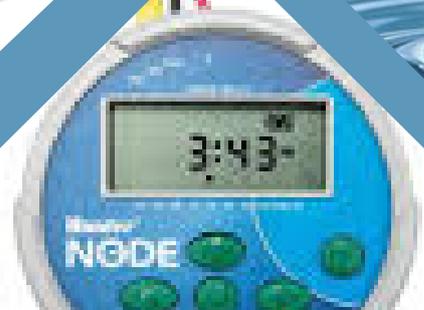
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PE 100 Pipes are capable of withstanding high pressure due to their low SDR value, ensuring the rapid transmission of water. Additionally, the smooth inner surface of the pipes reduces the risk of clogging, making water flow more efficient. In landscaping applications, irrigation lines distribute water effectively, supporting plant growth.

COIL PIPE



- PE100 COIL PIPE 63/10
- PE100 COIL PIPE 50/10
- PE100 COIL PIPE 40/10
- PE100 COIL PIPE 32/10



- Diameters: • 32 mm
- 16 mm • 40 mm
- 20 mm • 50 mm
- 25 mm • 63 mm



SOFT POLYETHYLENE PRESSURE PIPE

- PE63 SOFT PIPE
- PE50 SOFT PIPE
- PE40 SOFT PIPE
- PE32 SOFT PIPE



- Inner Diameter: 20 mm
- Outer Diameter: 25 mm
- Wall Thickness: 3 mm - 4 mm

- Inner Diameter: 32 mm
- Outer Diameter: 40 mm
- Wall Thickness: 4 mm - 5 mm

- Inner Diameter: 40 mm
- Outer Diameter: 50 mm
- Wall Thickness: 5 mm - 6 mm

- Inner Diameter: 50 mm
- Outer Diameter: 63 mm
- Wall Thickness: 6 mm - 7 mm

DRIP IRRIGATION PIPE

■ DRIP IRRIGATION PIPE 16/06 BLUE



Perforated drip irrigation pipes are used in irrigation systems to enhance efficiency. These pipes have holes at regular intervals, allowing water to be delivered directly to the roots of plants. They help conserve water and optimize soil moisture balance, making them ideal for targeted irrigation solutions.

- Diameters: • 16 mm (most commonly used size)
- 20 mm
- 25 mm
- Emitter Spacing: • 20 cm
- 30 cm
- 40 cm
- 50 cm
- Roll Lengths: • 100 meters
- 200 meters
- 300 meters
- 400 meters



ELBOWS

In landscaping applications, especially in narrow spaces and complex pipe layouts, elbows provide easy installation. Available in various angles such as 45° and 90°, these coupling elbows allow seamless changes in the direction of the pipes, ensuring efficient water flow. Their resistance to UV rays and corrosion makes them suitable for outdoor conditions.

COUPLING ELBOW

- PE63 COUPLING ELBOW
- PE50 COUPLING ELBOW
- PE40 COUPLING ELBOW
- PE32 COUPLING ELBOW



- Small Diameters:
 - 16 mm
 - 20 mm
 - 25 mm
- Medium Diameters:
 - 32 mm
 - 40 mm
 - 50 mm
- Large Diameters:
 - 63 mm
 - 75 mm
 - 90 mm

FEMALE-MALE COUPLING ELBOW



- PE63 FEMALE-MALE COUPLING ELBOW
- PE50 FEMALE-MALE COUPLING ELBOW
- PE40 FEMALE-MALE COUPLING ELBOW
- PE32 FEMALE-MALE COUPLING ELBOW

Female and male coupling elbows are connection components used in irrigation and piping systems. These elbows are preferred when pipes need to change direction or when threaded connections are required. Female elbows have an internal threaded structure, while male elbows provide an external threaded connection.

Coupling reduction elbows are connection components that allow the joining and directional change of pipes with different diameters. They are commonly used in irrigation, landscaping, and other piping systems. These elbows help transition between different pipe sizes while ensuring a secure and efficient flow.

COUPLING REDUCTION ELBOW

- 16 mm x 20 mm
- 20 mm x 25 mm
- 32 mm x 40 mm
- 40 mm x 50 mm
- 50 mm x 63 mm
- 63 mm x 75 mm



TEE CONNECTION FITTINGS

The 63mm PE TEE pipe is a connection component used in irrigation systems to create three-way connections. These 63 mm tee pipes allow water to be distributed in different directions from a large mainline. Typically made from polyethylene (PE) material, the 63mm tee pipes are durable, offering resistance to UV rays, chemicals, and pressure, making them long-lasting and reliable for outdoor and industrial use.

PE REDUCTION TEE 63



- PE REDUCTION TEE 63*63*63
- PE REDUCTION TEE 63*50*63
- PE REDUCTION TEE 63*40*63
- PE REDUCTION TEE 63*32*63



PE REDUCTION TEE 50

- PE REDUCTION TEE 50*50*50
- PE REDUCTION TEE 50*40*50
- PE REDUCTION TEE 50*32*50



PE REDUCTION TEE 40



- PE REDUCTION TEE 40*40*40
- PE REDUCTION TEE 40*32*40

The reduction tee helps reduce the diameter of a pipe while simultaneously directing the flow of water or fluid in three different directions. It is commonly used in piping systems where the transition between different pipe sizes is needed, ensuring efficient distribution and flow management.



TEE CONNECTION FITTINGS

Coupling Tee is a connection component used in irrigation systems to connect pipes in a T-shape. With three outlet points, this coupling allows water to be distributed in different directions. Typically made from PVC, polypropylene, or metal materials, coupling tees offer long-lasting durability. Their threaded design ensures quick and leak-proof assembly. They support the efficient transportation of water from main lines to lateral lines in drip irrigation and sprinkler systems.

COUPLING TEE

- PE63 COUPLING ELBOW BLUE
- PE50 COUPLING ELBOW BLUE
- PE40 COUPLING ELBOW BLUE
- PE32 COUPLING ELBOW BLUE



- | | | |
|--------------------|---------------------|--------------------|
| • Small Diameters: | • Medium Diameters: | • Large Diameters: |
| • 16 mm | • 32 mm | • 63 mm |
| • 20 mm | • 40 mm | • 75 mm |
| • 25 mm | • 50 mm | • 90 mm |

FEMALE COUPLING TEE



- PE63 FEMALE-MALE COUPLING ELBOW
- PE50 FEMALE-MALE COUPLING ELBOW
- PE40 FEMALE-MALE COUPLING ELBOW
- PE32 FEMALE-MALE COUPLING ELBOW

Female Coupling Tee is a three-way connection component used in irrigation systems to form a T-shaped connection. With female threaded outlets at all three points, it allows for easy assembly with male threaded connection fittings.



Male Coupling Tee is a connection component used in irrigation systems to join or branch pipes in a T-shape. With male threaded outlets at all three points, it simplifies the connection to irrigation lines and ensures a secure, leak-proof seal. This fitting helps in efficiently distributing water to different directions within the system.

MALE COUPLING TEE

- 16 mm x 20 mm
- 20 mm x 25 mm
- 32 mm x 40 mm
- 40 mm x 50 mm
- 50 mm x 63 mm
- 63 mm x 75 mm



NIPPLE

Plastic nipples are connection components made from durable plastic materials such as PVC, PP, and PVDF, commonly used in piping systems. Their lightweight nature makes them easy to transport and install, while they offer high resistance to corrosion and chemicals. They are widely used in systems for transporting water, acidic liquids, alkaline solutions, and other chemicals. Plastic nipples typically feature threaded connections, providing a secure and leak-proof seal for a safe and robust connection.

PLASTIC NIPPLE



- MALE PLASTIC NIPPLE 63*2"
- MALE PLASTIC NIPPLE 50*2"
- MALE PLASTIC NIPPLE 40*2"
- MALE PLASTIC NIPPLE 32*2"
- MALE PLASTIC NIPPLE 20*2"



Galvanized nipples are connection components made from steel and coated with zinc, providing resistance to rust and corrosion. They are commonly used in systems for transporting water, gas, air, and chemicals. The galvanization process enhances the nipple's durability, protecting it from environmental factors and ensuring long-lasting performance.

GALVANIZED NIPPLE

- 1/8" (6 mm)
- 1/4" (8 mm)
- 3/4" (20 mm)
- 1 1/4" (32 mm)



A Galvanized Nipple with Reduction is a connection component that allows the joining of pipes with different diameters. It features a large-diameter female threaded end on one side and a smaller-diameter female threaded end on the other. These nipples are commonly used to connect pipes of varying sizes and are typically found in systems for transporting water, gas, steam, air, and other fluids.

GALVANIZED NIPPLE REDUCTION



- 1" X 1/2"
- 3/4" X 1/2"
- 2" X 1"
- 2" X 3/4"



COUPLING AND ADAPTER

A Coupling (Manşon) is a connection component used in irrigation systems to join the ends of pipes. It ensures a leak-proof seal, allowing water to flow efficiently and helping quickly address any breaks or need for extensions in the pipeline. Typically made from polyethylene (PE), coupling components are resistant to UV rays, pressure, and chemicals. They are easy to install and, due to their reusability, enhance the flexibility of the system by allowing for quick disassembly and reassembly.

COUPLING

- PE COUPLING 63
- PE COUPLING 50
- PE COUPLING 40
- PE COUPLING 32
- PE COUPLING 20



Coupling Reduction Sleeves are essential connection components used to join pipes of different diameters. These sleeves are typically designed to meet the needs for flexibility, durability, and high performance. They are commonly made from materials like rubber, PVC, or metal and are engineered to withstand various pressure levels.

COUPLING REDUCTION SLEEVE

- PE COUPLING 63
- PE COUPLING 50
- PE COUPLING 40
- PE COUPLING 32
- PE COUPLING 20



Male Coupling Adapters are connection components used in liquid and gas transportation systems. One end of the adapter has male threads, while the other end is designed to fit coupling connections. Manufactured in various sizes, male coupling adapters are commonly used in the transportation of water, pressurized air, chemicals, and industrial liquids.

FEMALE-MALE COUPLING ADAPTER

- PE MALE ADAPTER 63*2"
- PE MALE ADAPTER 50*2"
- PE MALE ADAPTER 40*2"
- PE MALE ADAPTER 32*2"
- PE MALE ADAPTER 20*2"



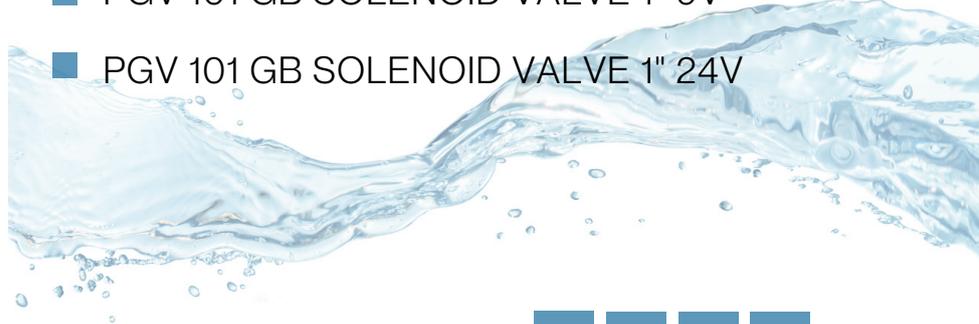
VALVE

Solenoid Valve is an electromagnetic valve used to automatically control the flow of water in irrigation systems. Solenoid valves are typically integrated with timers or sensors, allowing water to flow or stop at specific times or under certain conditions. These valves offer efficient control over water distribution, ensuring that irrigation systems function based on preset schedules or environmental triggers.

SOLENOID VALVE



- PGV 101 GB SOLENOID VALVE 1" 9V
- PGV 101 GB SOLENOID VALVE 1" 24V



Ball Valve (Küresel Vana) is an essential component used in irrigation systems to control the flow of water. It features a spherical disc (the ball) with a hole in the middle that rotates to allow or block water flow. By turning the handle or actuator, the ball valve opens or closes, providing an easy and reliable way to start or stop the flow of water.

BALL VALVE

- 40 COUPLING-MALE BALL VALVE 1"

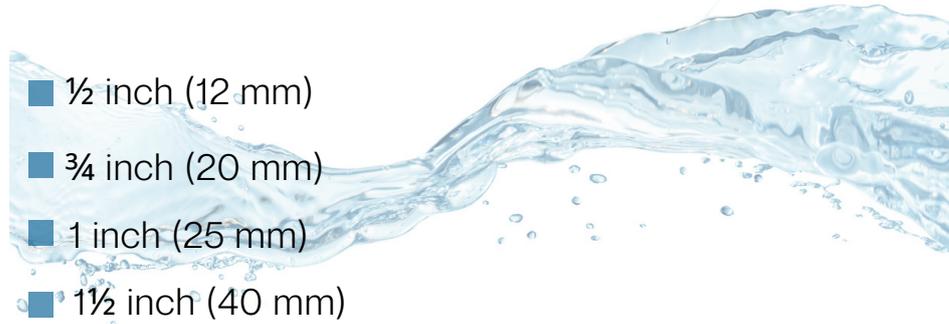


Coupling Valve (Kaplin Vana) is a type of valve designed to control and direct the flow of water in irrigation and plumbing systems. Its coupling design allows for easy connection and disconnection from pipes, making it an excellent choice for systems that require quick installation and removal.

COUPLING VALVE



- ½ inch (12 mm)
- ¾ inch (20 mm)
- 1 inch (25 mm)
- 1½ inch (40 mm)



VALVE BOX

Valve Box is a durable structural component used in irrigation systems to protect valves. These boxes are typically made from waterproof and weather-resistant materials, ensuring that the valves and pipe systems inside are shielded from external elements. Valve boxes help maintain the functionality and longevity of the system by preventing dirt, debris, and harsh weather conditions from affecting the valves, making them an essential part of outdoor irrigation setups.

VALVE BOX

- 30 cm x 30 cm x 30 cm
- 40 cm x 40 cm x 40 cm
- 50 cm x 50 cm x 50 cm
- 60 cm x 60 cm x 60 cm



Jumbo Valve Box is a large, durable type of box used in irrigation systems. Typically preferred for larger irrigation setups, it ensures the protection of valves and pipe connections. Jumbo valve boxes are designed for secure and accessible placement of valves, especially in large areas or commercial irrigation systems. They are built to withstand harsh environmental conditions, providing long-lasting protection while allowing easy maintenance and access to the system components.

JUMBO VALVE BOX

- JUMBO VALVE BOX 14"



Water Valve Box is an enclosure designed to protect and provide access to water valves, either underground or above ground. These boxes are typically made from water-resistant materials such as plastic or concrete and are durable enough to withstand weather conditions. They help protect the valves from external elements, ensuring their functionality and making it easier to access and maintain the valves when necessary.

- ½ inch (12 mm)
- ¾ inch (20 mm)
- 1 inch (25 mm)
- 1½ inch (40 mm)

WATER VALVE AND BOX



CONTROL UNIT

Battery control unit is a battery-powered device used to manage automatic water flow in irrigation systems. This unit, which can be easily used in areas without electricity access, saves water by precisely adjusting the irrigation schedule. It is generally made of durable materials and is resistant to outdoor conditions. Programming can be done with a simple interface and provides efficient irrigation by turning the irrigation system on and off at specified times.

BATTERY CONTROL UNIT



- 1 STATION TIMER
- 2 STATION TIMER
- 4 STATION TIMER
- 6 STATION TIMER



Electric controllers are devices used to automatically manage water flow in irrigation systems and usually have 4, 6, 8, 12 or more stations. The number of stations is determined by the size of the system and the division of the area to be irrigated. Each station controls a specific irrigation zone and can be operated independently with different irrigation programs.

ELECTRICAL CONTROL UNIT

- 1 STATION TIMER
- 2 STATION TIMER
- 4 STATION TIMER
- 6 STATION TIMER



WATER METER



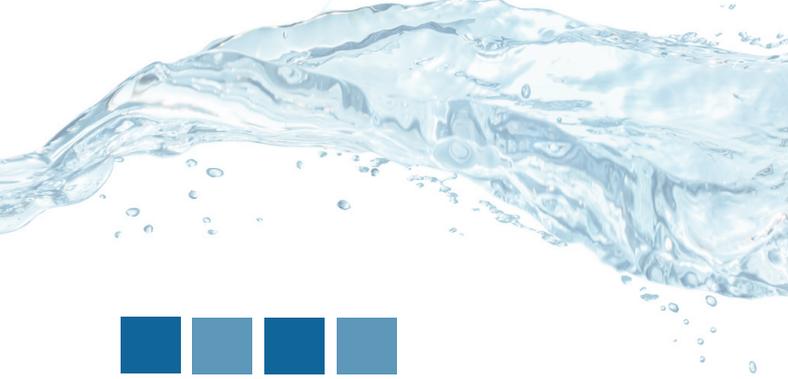
A water meter is a device designed to measure and record the amount of water used in a facility. It is commonly used to monitor water consumption in municipalities, residential buildings, commercial buildings, and irrigation systems. A water meter measures the flow of water as it passes through and displays this amount on a meter display.



MTT-100 Collector TE 1" is a connection element used to ensure the correct distribution of liquids. It is generally used in solar energy systems, heating systems or industrial liquid transport lines. This collector plays an important role in directing and distributing liquids, especially in systems where heat transfer is made. It is 1" in diameter and is designed to withstand pressure and temperature changes at the connection points. It increases system efficiency and minimizes possible leakage risks by ensuring the transfer of liquid.

MTT-100 COLLECTOR TEE

■ MTT-100 COLLECTOR TE 1"



Teflon tape is a material used to seal pipe connections in irrigation systems. It is usually wrapped around threaded connections, preventing water from leaking out at the connection points and supporting the efficient operation of the system.

TEFLON TAPE

■ TEFLON TAPE 12CDD*10 MT



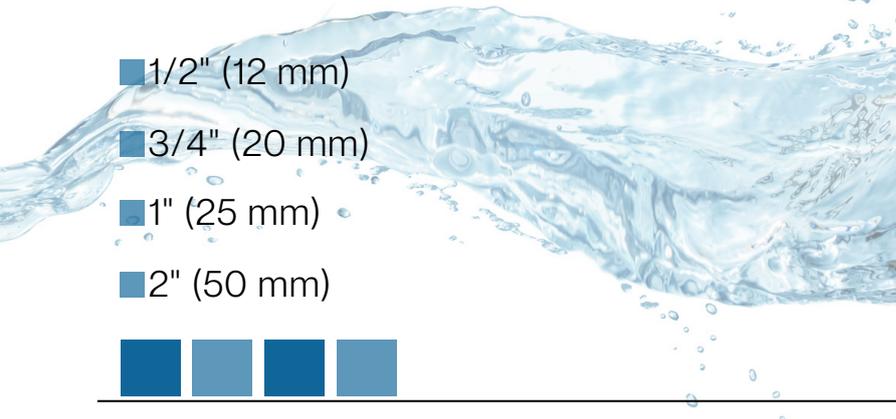
A check valve is a type of control valve that allows fluid to flow in only one direction. In irrigation systems, it prevents water from flowing backwards, protecting pumps and pipelines. When the system is shut down, it prevents water from flowing back, preventing pressure loss and possible damage. Check valves are an important component to ensure continuous flow in irrigation lines, protect water resources and increase system efficiency.

■ 1/2" (12 mm)

■ 3/4" (20 mm)

■ 1" (25 mm)

■ 2" (50 mm)



CHECK VALVE



SOCKET NECKLACE AND BLIND PLUG

Thanks to their durable structure, socket pendants are resistant to outdoor conditions and enable irrigation systems to work efficiently and without interruption. They are especially waterproof and weatherproof, ensuring long-lasting and safe use.

SOCKET NECKLACE



- INTERLOCK SOCKET NECKLACE 32*1/2" PK25
- INTERLOCK SOCKET NECKLACE 32*3/4" PK25



Bolted socket collars are generally used for electrical connections and are sturdy and secure connection elements. These collars are designed with a bolted system to ensure that socket connections are made securely, thus preventing the connection from loosening or breaking. The collar is made of durable materials such as metal, plastic or copper and is resistant to high temperatures and mechanical wear.

BOLT SOCKET NECKLACE

- BOLT SOCKET NECKLACE 32*1/2" PK25
- BOLT SOCKET NECKLACE 32*3/4" PK25



A blind plug is a connection element used to stop the flow of water by closing the ends of pipelines in irrigation systems. Thanks to its sealing feature, it prevents water loss and ensures the efficient operation of the pipe system.

BLIND PLUG



- PE BLINDS 63
- PE BLINDS 50
- PE BLINDS 40
- PE BLINDS 32
- PE BLINDS 20
- DRIP BLIND PLUG 16



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