

## PRODUCT TECHNICAL SPECIFICATIONS

### QUICK COUPLING VALVE & KEY



#### 1. EXTENT

Plastic Quick Coupling Valves that provide quick access to the underground water line and manual irrigation.

#### 2.IMPLEMENTATION

- Landscaping Systems

### 3. MATERIAL PROPERTIES

- Max. Working Pressure: PN 6 Bar
- Easy on/off with a quarter turn of the key
- Durable body that prevents foreign substances from entering inside.
- High quality durable Polypropylene raw material
- Stainless Steel spring
- Acetal Spring Inner Bushing.
- Max. Working Pressure: PN 6 Bar

### 4. APPEARANCE

When the Quick Coupling Valve is examined with the naked eye, it should have a homogeneous structure, should not contain foreign matter, and surface defects such as bubbles, cracks, deformities, regional color differences should not be seen on the product.

### 5. PACKAGING

Plastic valve boxes are supplied to the market in nylon packages in a way that they will not be damaged during transportation.

### 6. MARKING

On the Plastic Quick Coupling Valve and key packages released to the market;

- The name of the product,
- The quantity of the product,
- Company name, address, and other information (brand etc.),
- Production date,
- At least one of the batch, serial, or code numbers,

## 7. INSPECTION AND EXPERIMENTS

| TEST DESCRIPTION                                        | TEST METHOD  | TEST CRITERIA |             |           | CONNECTION TYPE    |
|---------------------------------------------------------|--------------|---------------|-------------|-----------|--------------------|
|                                                         |              | TEMPERATURE   | PRESSURE    | DURATION  |                    |
| Body Leak proofness Test                                | SPECIAL TEST | 20 °C ± 5 °C  | 0,2 Bar     | 1 Hour    | KEYLESS & WITH KEY |
|                                                         |              | 20 °C ± 5 °C  | 6 Bar       | 1 Hour    | KEYLESS & WITH KEY |
|                                                         |              | 20 °C ± 5 °C  | 10 Bar      | 1 Hour    | KEYLESS & WITH KEY |
| Long-term Strength Test Under High Temperature Pressure | SPECIAL TEST | 40 °C ± 5 °C  | 10 Bar      | 240 Hours | KEYLESS & WITH KEY |
| Long-Term Leak proofness Test                           | SPECIAL TEST | OUTDOOR       | 10 Bar      | 90 Days   | KEYLESS            |
|                                                         | SPECIAL TEST | OUTDOOR       | 10 Bar      | 90 Days   | KEY MOUNTED        |
| Burst Test                                              | SPECIAL TEST | 20 °C ± 5 °C  | Min. 30 Bar | -         | KEYLESS & WITH KEY |

## 8.SIZES

- Key size : 185 mm
- Valve body size : 135 mm
- Assembled product size : 260 mm

## 9. USAGE INFORMATION

- Teflon, etc. sealing element should be used for sealing the thread parts of the product.
- The product should not be over-strained after the end of the thread.