

PRODUCT TECHNICAL SPECIFICATIONS

VALVE BOXES with VALVE (Metal Valve)



1. EXTENT

Plastic valve box with a metal valve inside, used for manual irrigation in the landscape industry.

2. IMPLEMENTATION

- Landscape Industry

3. MATERIAL PROPERTIES

- It has been produced from high quality **polypropylene**.
- Provides easy access to the metal valve connected to the underground system.
- The hose outlet provides complete closure with a special sliding cover.
- There are water drainage holes inside the box to prevent water accumulation.
- **3/4" BSP/Male Connection output.**
- Max. Working pressure is 16 Bar.
- Rust-resistant metal valve.
- Elbow – Valve connection design with increased strength.

4. APPEARANCE

When plastic valve boxes are examined with the naked eye, they should have a homogeneous structure, should not contain foreign matter, and surface defects such as bubbles, cracks, deformities, and regional color differences should not be visible on the box.

5. PACKAGING

Plastic valve boxes are supplied to the market in boxes that will not be damaged during transportation..

6. MARKING

Valve boxes and packaging with valves put on the market;

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

7. INSPECTION AND TESTS

TEST NAME	UNIT	TEST METHOD	VALUE
Stiffness	Shore D	TS ISO 48	80±5
Intensity	gr/cm ³	EN ISO 1183	0,950±0,02
Tensile Strength	MPA	ISO 527-2	min.20
Elongation	%	ISO 527-2	min.5
Masses of valve boxes	%	TS 13716	%10 tolerance
Cover Load Test	N	Special Test	1 Hour / 1500 N
Metal Valve Pressure Test	Bar	Special Test	1 Hour / 24 Bar

8. USAGE INFORMATION

- Protect against sharp-edged impacts.
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9. DIMENSIONS

- Valve Box with ¾" Valve (H x W1 x W2): 127x212x183 mm

