

7" ROUND IRRIGATION VALVE BOX



The 7" round irrigation valve box is built to provide both protection and easy access to vital irrigation system components. It accommodates various types of equipment, including 3/4" and 1" valves, multi-port drip emission devices, manual drain valves, isolation controllers, and much more. The lid stays firmly in place in the face of heavy-duty lawn equipment, high ground water, and extreme temperature shifts.

- Pre-Built Mouse Holes—Allows for faster placement of up to 1 1/2" pipe.
- T-Top Locking Lid—Makes it quicker to take the lid on and off resulting in faster service times.
- 100% Recyclable—Some models contain pre and post-consumer recycled materials.

FEATURES AND BENEFITS

- T-Top Snap Lid—Extends all the way to the edges of the base, preventing grass and dirt from interfering with the lid to base interface. To remove, simply pull. To replace, simply snap into place.
- HDPE Structural Foam Process—Derives from a combination of high-density polyethylene material and a proven manufacturing process which ensures maximum strength and durability.
- UV Stabilizers—Incorporates special UV inhibitors to minimize long-term effect of sunlight.
- 2" Mouse Hole—Allows installation directly over pipe of up to 1 1/2" in diameter, creating a full enclosure around the valve or other critical system components.
- Tapered Design—Provides maximum vertical and horizontal stability and increases interior space for easy equipment access and maintenance.
- Multiple Color Options—Available in green, green on black, and tan, allowing you to match the box lid to the landscape for optimum aesthetic effect.

SKU	DESCRIPTION
53210	7" Round ICV Box Black with Green Cover
53910	7" Round ICV Box Green with Green Cover
53710	7" Round ICV Box Tan with Tan Cover



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MATERIAL SPECIFICATIONS

*PROPERTIES OF BASE MATERIAL	ASTM TEST METHOD	HDPE
Tensile Strength	D-638	2,700-4,400 psi (Typical Range)
Flexural Modulus	D-790	Min 140,000 not to exceed 240,000 psi
Notched Izod Impact Strength	D-256	0.5-3.0 (Typical Range)
Density	D-792	Min 0.95 not to exceed 0.965
Deflection Temp @ 66psi	D-648	150° to 200° F
Electrical Dielectric Strength	D-149	400-600 V/mil (Typical Range)

MOLDED PRODUCT	ASTM TEST METHOD	HDPE
Chemical Resistance	D-543	Very Resistant
Water Absorption	D-570	≤ 1% weight change
Static Vertical Load Rating	C-857	A-0.3, 300 lb. ft/ft2

*Material specifications subject to change based on availability

BOX STRENGTH - CRUSH TEST

VALVE BOX BODY LOAD	MAXIMUM LOAD LBS.	DEFLECTION INCHES
VBO 708	6,975	0.400

VALVE BOX LID LOAD	MAXIMUM LOAD LBS.	DEFLECTION INCHES
VBO 708	2,288	0.320

Note: Enclosure is for use in non-vehicular traffic applications only. Installation in concrete or asphalt is not recommended. Weights and dimensions may vary slightly.

CIRCULAR BOX

