• Full port design - same I.D. as Sch 80 pipe minimizes turbulence at high flow rates.

• PVC with EPDM O-rings and PTFE or POM seats.

• HDPE Spigot ends are to be joined to HDPE socket-fusion or electro-fusion fittings, compression adapters, or butt-fused to HDPE pipe, following equipment manufacturers’ recommendations.

• For butt fusion, the system must be designed/installed to allow for thermal expansion and contraction by use of directional changing fittings (Tees, Elbows) both upstream and downstream from the valve. The distance from the valve to a directional-changing fitting should not exceed eight (8) feet.

• End connectors are HDPE spigot ends meeting DR11 dimensions and PVC Sch 80 socket.

• Alternative to brass or bronze gate valves for irrigation uses.

• Thermoplastic construction eliminates process and atmospheric corrosion.

• True Union End Connectors allow for easy and quick removal from line.

• Dual Stem o-rings for extra protection against leaks.

• Repairable: A complete inventory of repair parts is readily available.

• Assembled in USA.

• 3 – Year Limited Warranty

• Handle features a cross to accept standard sprinkler key wrench (or Lasco plastic key Valve Key-1) for buried service actuation.

Designed for turf irrigation, and many other applications. Patented gear drive thermoplastic handle mechanism allows for a 360° rotation of the handle to achieve a 90° turn of the ball. This gradual open/close actuation greatly reduces the opportunity for shock or hammer experienced by the sudden open/closure of a standard quarter-turn ball valve.

Part Number: Valve Key-1

Available through:

Lasco Fittings, Inc.
Installation precautions:

- Colonial recommends a minimum installation distance of 10 x the pipe diameter from a pump or other source of turbulence.
- Slo-Close Valves are designed for use in the Open or Closed position. Moderate throttling has been successful in systems with LOW flow rates (< 3 ft per second) such as in geoxchange systems. Throttling is not recommended for Heavy-turf irrigation or other systems with high flow rates.
- The maximum recommended flow rate for any Colonial Valve product is 5 feet per second.
- Follow published guidelines to re-rate pressure for elevated process temperature. Avoid prolonged exposure to direct sunlight during and after installation.
- Proper pipe alignment must be maintained. Union nuts should be hand-tightened for proper O-ring sealing.
- In buried applications, valves should be installed such that the centerline of the pipe is a minimum of 18" below grade. We recommend a double valve box allowing access to the union nuts to facilitate simple future maintenance or repair.

Do not use with compressed air or gas.