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## **TBH SERIES THERMOPLASTIC TRUE UNION BALL VALVES WITH UHMWHDPE SEATS - SPECIFICATIONS:**

All 1/2"– 2" thermoplastic ball valves shall be manufactured with PVC Type 1, Grade 1 (ASTM D1784, Cell Classification 12454) or CPVC (ASTM D1784, Cell Classification 23447). All sizes shall be of true union design. Valve body shall contain an integral top mounting flange with dimensions and bolt circles conforming to ISO 5211.

Valve to include, as standard, a sliding lock-out plate that interlocks with integral flange on body for lock-out/tag-out, with four locations for attaching a padlock. Body shall incorporate molded in foot pad for panel or rail mounting. Valves 2" and smaller shall have a floating ball and System2™ seat carrier design that moves with the seat to affect a double seal on a closed valve and requires no adjustment.

All seats shall be reversible to allow field repair. Seats shall be Ultra-High Molecular Weight High Density Polyethylene (UHMWHDPE). All O-rings shall be EPDM or FPM. The handle shall be retained without any metal fasteners and made from GFPP with UV inhibitor. Balls must be full-port design and fully sphere shape. Stem shall contain double O-rings, and shall be blowout-proof design. Valve stem design shall be such that any torsional failure occurs outside of the two stem O-rings.

All 1/2"–2" ball valves shall be pressure-rated for 250 PSI at 70°F non-shock. All sizes of flanged ball valves shall be pressure-rated for 150 PSI at 70°F non-shock. All Thermoplastic True Union Ball Valves shall carry a three-year global warranty and shall be manufactured by Hayward® Flow Control in the United States of America.

## Authorised Distributor of Hayward Flow Control, a Division of Hayward Industries, Inc

Hayward Flow Control has been a leading manufacturer of industrial thermoplastic valves and process control products for more than 60 years. In fact, Hayward was one of the originators of the first thermoplastic ball valves. Since then, we have remained committed to producing the highest quality products while providing outstanding service.

### Liquid Filters and Strainers



#### Bag Filter vessel

- GFPP
- PVC
- CPVC



#### Y Strainers

- PVC
- CPVC
- Clear PVC
- PVDF



#### Simplex Strainers

- PVC
- CPVC
- GFPP
- PVDF
- Eastar® (Clear)



#### Duplex Strainers

- PVC
- CPVC
- GFPP
- Eastar® (Clear)

### Valves and Flow Control



#### Ball Valves

- PVC
- CPVC
- GFPP
- PVDF



#### Check Valves

- Ball Check Valves
- Y-Check Valves
- Wafer Check Valves
- Swing Check Valves



#### Pressure & Chemfeed

- Injection Quills
- Back Pressure
- Pressure Relief
- Diaphragm Valves
- Needle Valves
- Angle Globe Valves



#### Butterfly Valves

- PVC
- CPVC
- GFPP
- PP
- PVDF



#### Actuation

- Electric
- Pneumatic



#### Solenoid Valves

- PVC
- CPVC
- PVDF



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