



Resilient Seated Gate Valves

The Tyco Resilient Seated Gate Valve is one of the lightest, most durable gate valves on the market today. Superior materials and design make it easy to operate and built to last. Valve components are designed to be either inherently corrosion resistant or protected with fusion-bonded polyester resin coating for a long, reliable service life and enhanced UV protection for exposed installations. Stringent testing helps ensure Tyco gate valves meet the highest standards, and every valve is hydrostatically tested before leaving the factory.

Key Benefits:

- // Superior material and design
- // Easy to operate
- // Lightweight and easy to handle
- // Long-term dependability
- // FM Approved and 300 psi
UL Listed





Gate Valves

OS&Y and Non Rising Stem Post Indicator Gate Valves are used in fire protection systems for on/off operation. These valves incorporate high strength stainless steel stems, dezincification resistant copper alloy components, high-grade elastomers and quality coating systems. The lightweight ductile iron body weighs less than conventional cast iron valves, which allows for easier handling on site and lower shipping costs. A fully encapsulated EPDM ductile iron wedge helps ensure bubble-tight sealing. Components that are not inherently corrosion resistant are coated with a thermally applied fusion-bonded epoxy.

The gate sealing design combines wedge and compression mechanisms to achieve low torque, drop tight sealing. The stem seal arrangement incorporates five separate O-rings to provide a lifetime seal. Available end connections include flange-by-flange, flange-by-groove and groove-by-groove configurations. The FM Approved and UL Listed valves conform to other international standards including: BS 5163, EN 1074, EN1171 and ISO 7259. OS&Y gate valve sizes range from 2 to 12 inches (DN50 – DN300) with a maximum operating pressure of UL-300 psi (20,87 bar) and FM-232 psi (16 bar). Non Rising Stem Post Indicator Gate Valves require the use of an indicator post in order to operate. Valve sizes range from 4 to 12 inches (DN100 – DN300) and offer a maximum operating pressure of UL-300 psi (20,7 bar) and FM-232 psi (16 bar).



Indicator Post

The adjustable indicator post is designed for buried applications, such as underground water supplies, and is used with 4 to 12 inch (DN100 to DN300) Non Rising Spindle, Resilient Seated PIV Gate Valves. Buried valves commonly are used in fire protection systems to control water supply to automatic sprinklers, water spray deluge, foam-water deluge or standpipe systems.

The indicator post features a telescoping stem that can be adjusted to its final position in the field and is available in four different lengths. The appropriate post type for a particular application depends on the size of the valve and trench depth. The posts are normally used with clockwise closing valves but may be ordered for use with counterclockwise closing valves.

Wall indicator posts are utilized in applications such as interior water systems and for the above ground actuation of gate valves. Both types of indicators provide external visual indication of the open or shut status of the valve as well as a locking mechanism to secure the position.

Refer to **Technical Data Sheets TFP1540 & TFP1545** for complete description of all listing criteria, design parameters, installation instructions, and care and maintenance guidelines.