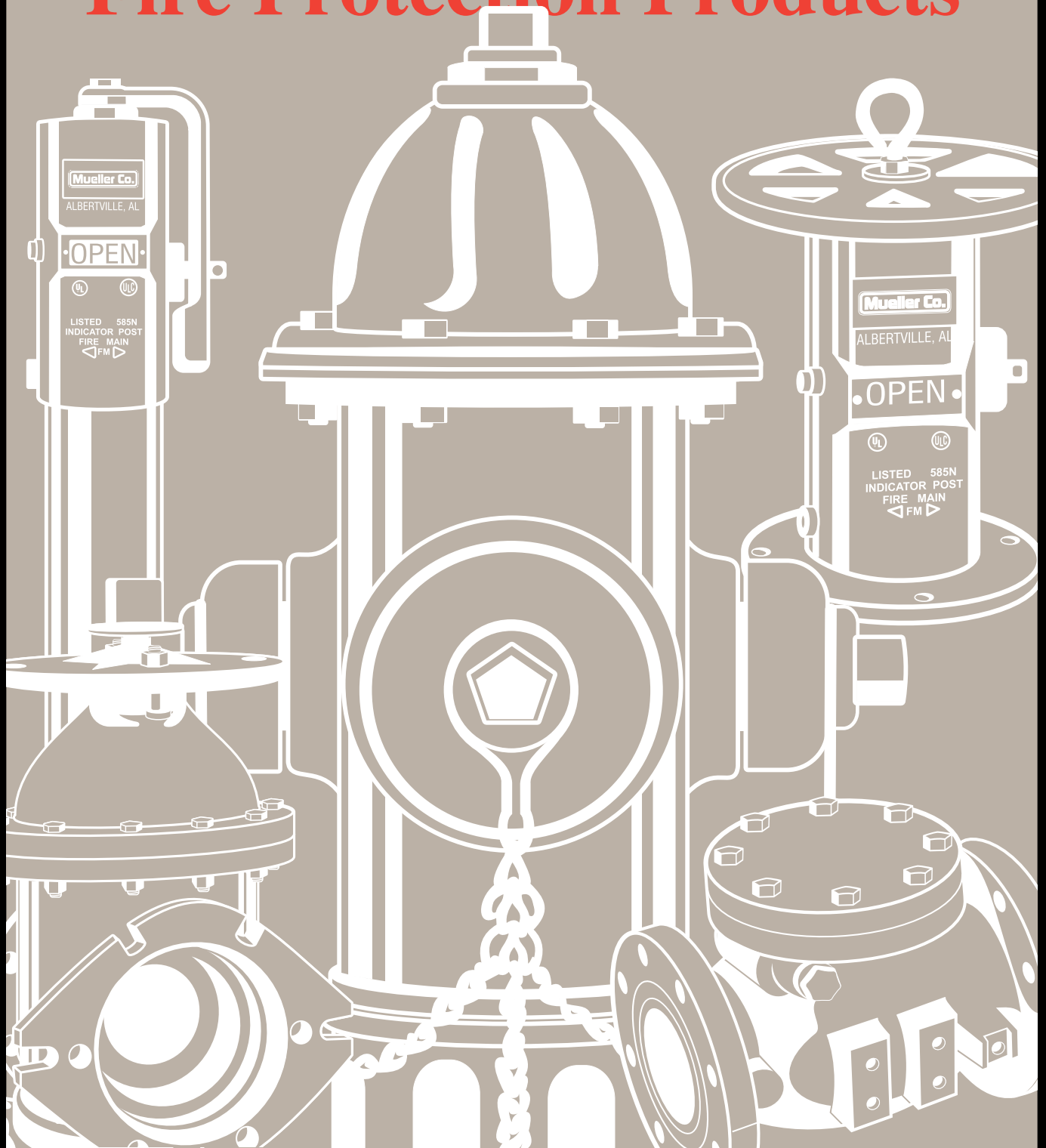


# Mueller® UL/FM Fire Protection Products



**Mueller Co.**

# Setting the Standard for Fire Protection Products

Mueller® is a leader in high-quality commercial and institutional fire protection products, offering a broad range of carefully designed, durable, reliable and easily maintained fire protection products compliant to UL and FM requirements. Plus, all Mueller® products are backed by the company's expert technical support, superior service and ready parts availability. Mueller® UL / FM fire protection products set the standard for performance and reliability year after year.

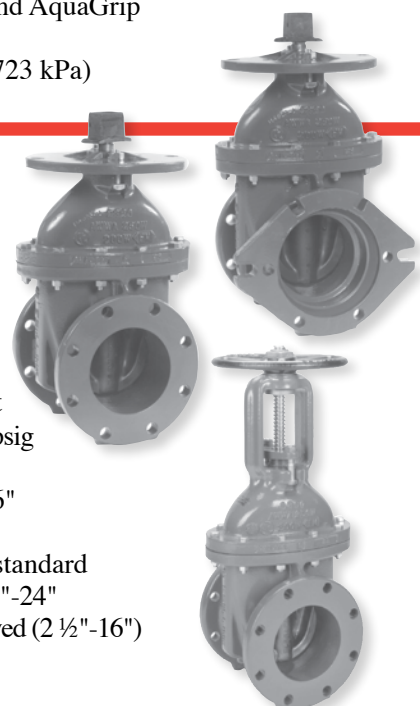


## Super Centurion® 250 Fire Hydrants

- Most widely sold fire hydrant in North America attests to its reliability and value
- Sealed oil reservoir with automatic pressure lubrication
- Durable, corrosion-resistant bronze-to-bronze seat mounting
- Convenient, reversible main valve doubles service life by having a spare already in place; allows for easier replacement and maintenance
- Full flow 3-way openings: one 4 ½" pumper nozzle and two 2 ½" hose nozzles
- Shoe interior epoxy coating inhibits corrosion
- Meets or exceeds all applicable parts of AWWA C502 & C550, UL246 and FM1510
- 10-year limited warranty
- Inlet Connections: 6" Mechanical Joint, Flanged, D-150 Mechanical Joint, Slip-On, and AquaGrip™ Integral Pipe Restraint
- Pressure Rating: 250 psig (1723 kPa)

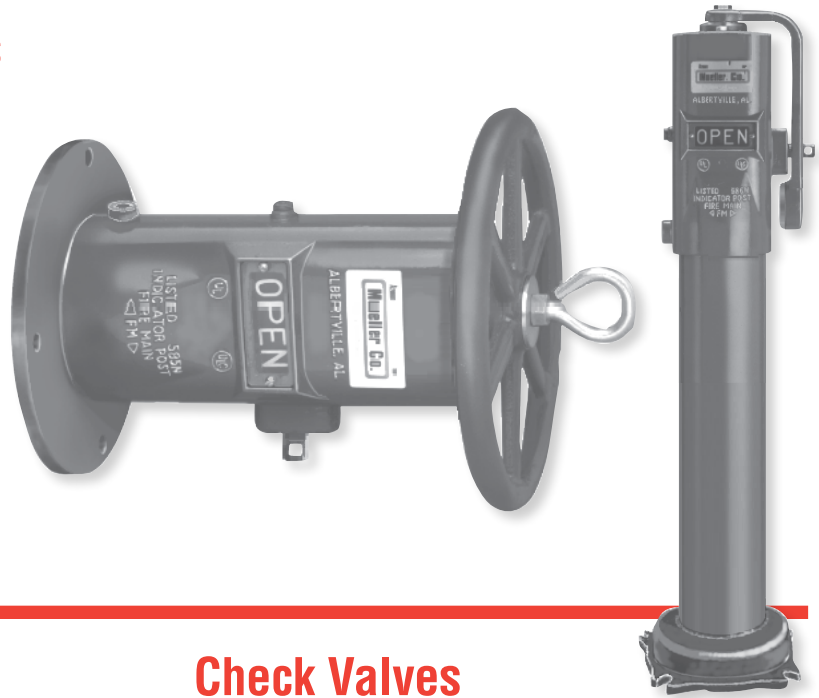
## Gate Valves

- Triple O-ring seals—two (2) above thrust collar; one (1) below retain lubricant in this critical area
- Two polymer anti-friction washers—one above thrust collar and one below reduce operating torque
- 100% encapsulated wedges with extended wedge guides
- Polymer guide cap bearings on wedge guides resist wear and provide easy operation
- Smooth, oversized, unobstructed flow way provides superior flow characteristics; reduces pumping costs
- Mueller® Pro-Gard™ fusion epoxy coating
- Bi-directional flow
- 10-year limited warranty
- Styles: PIV Resilient Wedge, O.S. & Y. Resilient Wedge
- Connections: Flanged, AquaGrip™ Integral Pipe Restraint, and Mechanical Joint
- Pressure Rating: 2 ½"-12" 200 psig (1379 kPa) standard, 250 psig (1723 kPa) optional; 14" & 16" 250 psig (1723 kPa) standard, 18"-24" 175 psig (1206 kPa) standard
- Sizes: PIV 4"-24"; O.S.&Y. 2½"-24"
- UL listed (2 ½"-24"); FM approved (2 ½"-16")



## Indicator Posts

- Easy to see targets indicates whether the valve is open or closed
- Designed to withstand up to 900 ft.-lbs. of operating torque
- Unique operating wrench design makes indicator post tamper-proof
- Designed to operate 4" through 24" post indicator valves, requiring 14 to 75 turns respectively to open
- All styles have a cast boss on the upper barrel that is tapped with ½" NPT to allow for optional supervisory switch installation
- Styles: Adjustable (24.25" adjustment range), Non-Adjustable and Wall Mount
- UL listed (4"-24"); FM approved (4"-16")



## Check Valves



- Reliable, gravity-operated, swing check design
- Removal of all parts through the top of the valve, without removing the valve from the line
- Directional arrow leaves no doubt of flow direction
- Check valves bossed on both sides of the body for connecting bypasses and are bossed at the bottom under the outlet and inlet ends to allow drain valve attachment; tapping is optional
- Check valves available with either rubber or bronze disc facings
- Cushioned styles available
- Pressure Rating: 200 psig (1379 kPa)
- Sizes: 2 ½" - 12"

## Super Centurion® Monitor Hydrant

- Efficient hydraulic design provides excellent flow characteristics
- Sealed oil reservoir with automatic pressure lubrication
- Durable, corrosion-resistant bronze-to-bronze seat mounting
- Convenient, reversible main valve doubles service life by having a spare already in place; allows for easier replacement and maintenance
- Full flow 4-way openings: 4" monitor elbow, one 4 ½" pumper nozzle and two 2 ½" hose nozzles; integral monitor mounting allows easier monitor nozzle hook-up
- Shoe interior epoxy coating inhibits corrosion
- All parts interchangeable with Super Centurion 250™ Hydrant for easy maintenance
- Meets or exceeds all applicable parts of AWWA C502 & C550, UL246 and FM1510
- Inlet Connections: 6" Mechanical Joint, Flanged, D-150 Mechanical Joint, Slip-On, and AquaGrip™ with Integral Pipe Restraint
- Pressure Rating: 250 psig (1723 kPa)

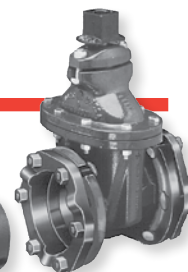




## Storz Connection

- Allows fire department to connect pumper hose to hydrant quickly—with just quarter-turn action
- No thread alignment, cross threading or leakage problems associated with threaded connections
- Our Storz connections are manufactured to our design and specifications, and are UL listed and FM approved when installed on Mueller® hydrants\*
- Hydrants with Storz connection retain their published pressure rating
- Nozzle can be ordered separately to retrofit hydrants already in the field\*
- Storz Options: 4" or 5" pumper nozzles on any Centurion 250™ or Modern Centurion Fire Hydrant

\*The UL listing and FM approval of our Storz connection do not carry over when installed on other brand fire hydrants.



## Tapping Materials

### Tapping Valves:

- Resilient wedge with all the features of the Mueller® line of Resilient Wedge Valves shown earlier in this brochure
- Non-rising stem (NRS)
- Pressure Rating: 4"-12" 200 psig (1379 kPa) standard, 250 psig (1723 kPa) optional; 14" & 16" 250 psig (1723 kPa) standard, 18"-24" 175 psig (1206 kPa) standard
- UL listed (4"-24"); FM approved (4"-16")
- Size Ranges: 4"-48" with one end flanged with alignment lip to attach to tapping sleeve; other end available with a variety of end connections, with a special flange to permit attachment of drilling machine and adapter

### Stainless Steel Tapping Sleeves\*:

- Designs to fit most pipe types, including iron pipe size PVC, C900 cast iron O.D. PVC, A-C, cast iron and ductile iron pipe
- Test plug standard
- Fully passivated welds
- Choice of outlet flange materials, including stainless steel, carbon steel or ductile iron— all with dimensions and drilling that comply with ANSI B16.1, class 125 and with MSS SP-60
- Size Ranges: 4" x 4" through 24" x 12"

### Iron Tapping Sleeves & Crosses\*:

- Designs to fit most pipe types, including cast iron, ductile iron, A-C, cast iron O.D. and PVC



- Sleeves have outlet flange with dimensions and drilling that comply with ANSI B16.1, class 125 and with MSS SP-60
- Size Ranges: 4" x 4" through 24" x 14"

### Cut-In Sleeve & Valve\*:

- Used to install a gate valve in an existing cast iron, ductile iron or cast iron O.D. PVC plastic pipe main, when water interruption is permissible
- Mechanical joint ends speed installation

\* Tapping sleeves and crosses, and cut-in sleeves meeting AWWA Standards. There are no UL or FM standards for these items.

# Mueller Co.

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All products must be installed and maintained in accordance with applicable instructions and/or standards.