

# The More You Know



August 27, 2025

## When "Off" Means "Off".

So, what's a shutoff? And what is the purpose of any shutoff valve? This may seem to be an obvious question, but think about it... whether shutting down a system for the season, or performing routine maintenance, or isolating equipment or downstream piping in an emergency, you need confidence that the valve you need to be closed is actually closed.



For instance, imagine scheduling a planned service outage. The schedule is set, the necessary service items are ordered and delivered, and the crew shows up on site. But what happens when the isolation valves fail to perform their duty, and upstream media continues past that main shutoff?

Simply put, work stops. Crews get sent home, and thousands of dollars are wasted waiting for the

problem to be resolved and work to resume. Oh, and very unhappy building owners, because they are footing the bill.

In process systems, a shutoff valve is used for immediate, complete stoppage of fluid or gas flow in a designated line, primarily for safety, maintenance, and for process control. Shutoff valves also isolate equipment, which allows maintenance to be performed safely and efficiently without halting the entire process. In these applications, valves are placed upstream of components requiring regular maintenance, like filters and pumps. This shutoff allows equipment to be safely serviced while the rest of the system continues to operate.

That's why it is essential to make that shutoff valve a valve you can rely on, with metal sealing surfaces capable of withstanding high pressure and temperature service, all while providing bubble-tight shutoff. No stem leaks and no downstream leakage past the closure. The TØV from

Milwaukee Valve is just such a solution.

Designed with critical services in mind, the TØV performs when it matters the most. The TØV series takes precision performance to a higher level. Its triple offset geometry creates valves that deliver bidirectional, zero-leak sealing — even under higher pressures and temperatures. This design makes TØV triple offset valves firesafe, corrosion resistant and maintenance free, too.



Put your confidence in Milwaukee Valve’s new TØV. To learn more, and download spec sheets or access 3D CAD drawings and BIM modelling, visit our [TØV](https://www.milwaukeevalve.com) product page at [www.MilwaukeeValve.com](https://www.MilwaukeeValve.com). While there, you’ll also find downloadable product literature, and Milwaukee Valve representative contact information to help you with application questions on any Milwaukee Valve products.



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