

The More You Know



November 20, 2024

Specialty Valves: Providing Solutions from Decades of Technical Expertise and Experience

When a stock valve won't solve your unique application, system or process requirements, you can count on the engineering, experience and expertise of Milwaukee Valve to provide a solution.



The Milwaukee Valve engineering department is supported by state-of-the-art computer tools, from 3D design using SOLIDWORKS, to finite element analysis (FEA) using COSMOS, to computational fluid dynamics (CFD) using CF Design software, to automated data acquisition in our laboratories using Labview. We operate our own fire-test facility to help us achieve and maintain the most advanced fire-safe designs to the latest API and other standards. We translate 3D designs

directly to tool paths, both on our shop floor and in our pattern shop, which supports our in-house foundry operation. These capabilities also service our engineering and contracting customers, who use these models in their equipment and building designs.

With an extensive product offering of more than 8,000 standard finished valves, Milwaukee Valve can cover the vast majority of your commercial valve needs, because we focus on valves, and only valves, every day. But every day, customers also provide us with application challenges to our technical capabilities.

Some solutions are minor modifications that may require only a simple change to a seat material or alternative disk option. Others require complete product development designs to meet the demanding your safety needs or harsh application conditions. Our entire Marine product offering is predicated on this engineering and manufacturing prowess. Milwaukee Valve products have been installed on U.S. Navy warships for more than 50 years—and every platform of U.S. warship and submarine today. From concept and engineering to design and manufacture, our valves utilize the best technologies available to meet the Navy's stringent requirements.

Our background in the Commercial, Industrial, and very specialized Navy Marine business should give you confidence to entrust your most difficult applications to our experienced staff. For more information on our capabilities or assistance with a specific problem, contact your [Milwaukee Valve sales representative](#). Their experience and industry knowledge will simplify finding a solution to your product and application requirements.



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