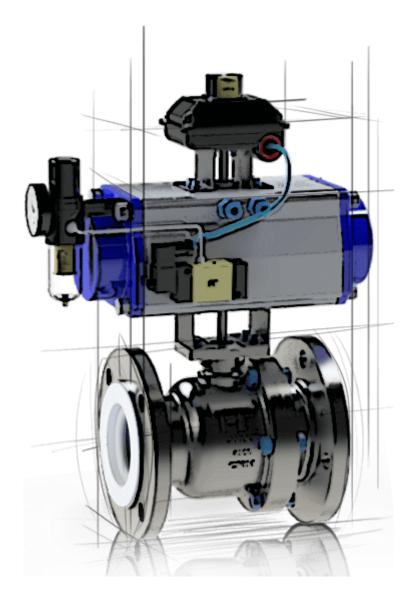
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Combinedaa

In highly corrosive and chemically aggressiveenvironments, conventional valves often fail to deliver the necessary performance and durability. This is where PTFE lined ball valves come into play. Designed specifically to withstand harsh media, PTFE (Polytetrafluoroethylene) lined ball valvesprovide superior chemical resistance, reliablesealing, and long service life. These valves are widely adopted across various industries including chemical, pharmaceutical, petrochemical, and wastewater treatment plants.

What is a PTFE Lined Ball Valve?

A PTFE lined ball valve is a type of quarter-turnvalve in which the inner surfaces—especially the balland body—are lined with PTFE, a high-performancefluoropolymer. PTFE is known for its exceptionalresistance to chemical attack, non-reactivity, lowfriction coefficient, and ability to withstand hightemperatures. The valve structure typically includes a stainless steel or carbonsteel body for mechanicalstrength, while the internal PTFE lining offers aprotective barrier against corrosive fluids.



Key Features of PTFE Lined Ball Valves