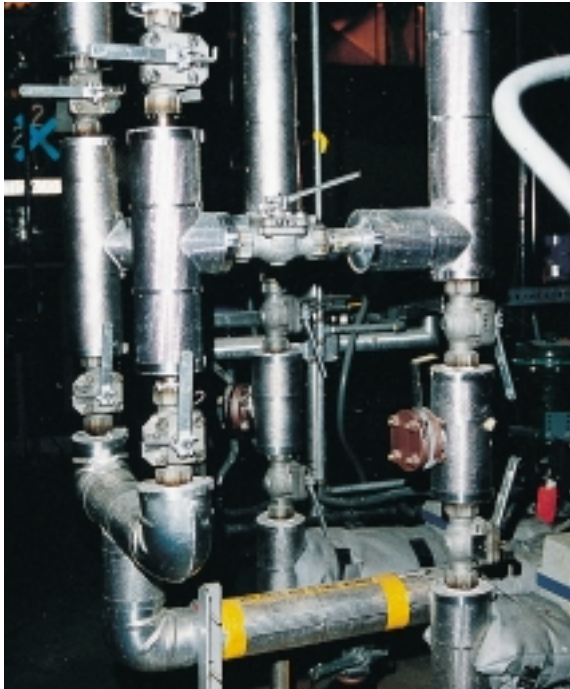


The Trusted Name For Severe Services



Since 1979 the Cam-Tite Ball Valve has become a performance leader in tough-to-handle services. The combination of the patented sealing arrangement and the superior stem seal design has ushered the Cam-Tite into services where its design superiority has proven itself over plug valves and conventional floating ball type valves. Among the services where Cam-Tite Ball Valves have emerged as the solution are the following:

- Dry Chlorine
- Phosgene
- Anhydrous HF
- Anhydrous Ammonia
- Anhydrous HCL
- High Vacuum
- PCL₃
- Steam
- VOC_s

Anhydrous HF Acid Service

Numerous years of field application experience has lead to a recommended construction for Cam-Tite Ball Valves in anhydrous hydrofluoric acid. With a variety of body materials to choose from, valves prepared for HF service normally incorporate inconel 600 bonnet bolting,

inconel 718 Belleville washers, a stainless steel rotational stop (in applicable sizes), and virgin PTFE seats and seals. Additionally, all HF valves are specially assembled, cleaned, and tested. Specify "Prepared for HF Service" using code "HF" in the valve configuration number.

Oxygen Service

Cam-Tite Ball Valves can be prepared for oxygen service. These valves are subjected to rigid procedures to insure that they are free from all burrs, chips, and dirt. They are specially assembled, cleaned, tested and packaged.

Valves prepared for oxygen are lubricated with DuPont Krytox[®] GPL 206 unless otherwise specified. Order valves "Prepared for Oxygen Service" using "OX" in the configuration number.

Vacuum Service

The Standard Cam-Tite Ball Valve is suitable for vacuum services down to 20 microns absolute. For vacuum conditions below 20 microns absolute high vacuum valves can be supplied. High vacuum service valves are manufactured with special attention to seat and seal tolerances and finishes and are specially cleaned and packaged. These valves have

leakage rates less than 1×10^{-7} STD. CC/Sec as verified by a mass spectrometer test. Specify valves "Prepared for High Vacuum Service" using code "VAC" in the configuration number.

See pages 43-45 for additional ordering information for Cam-Tite Ball Valves prepared for the above special services.