



SPEARS® MANUFACTURING COMPANY
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CERTIFICATE OF COMPLIANCE

PVC, CPVC, AND POLYPROPYLENE BUTTERFLY VALVES

Spears® Manufacturing Company certifies that its Butterfly Valves are manufactured in the U.S.A. from a Polyvinyl Chloride (PVC) Type I compound having a cell classification of 12454 and a Chlorinated Polyvinyl Chloride (CPVC) Type IV compound having a cell classification of 23447 conforming to ASTM Standard D1784. All Polypropylene (PP) thermoplastic valves are produced from UV stabilized polypropylene conforming to ASTM D4101. O-ring seals are provided in one of three elastomers, EPR (EPDM), FKM (Viton®) or Nitrile (Buna-N).

All Butterfly Valves are designed and produced with fully isolated valve stems to eliminate contact with process fluids. The stem and metal hardware material is Type 316 stainless steel.

11/2" through 12" Butterfly Valves have a maximum internal pressure rating of 150 psi, 14" are rated to 100 psi, 16" to 85 psi, 18" to 70 psi, 20" through 24" to 50 psi, non-shock at 73°F. Butterfly valve bolt-hole patterns conform to ANSI/ASME B-16.5, CL150 and ASTM D4024.

Validation of Spears® valves rated for vacuum service is determined from one hour tests at 26 inch Hg vacuum with less than one inch Hg loss.

Butterfly Valves are provided with a high impact polypropylene lever handle or with gear operators having aluminum housings and high impact polypropylene hand wheels through size 8". Sizes 10" and larger are provided with a gear operator.

PVC and CPVC butterfly valves sizes 1-½" up to 12" with EPDM elastomers are certified for potable water service by NSF International®.

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