

Engineering Specification PS-137

Service and Burst Pressure Data for Shutoff Valve and Adapter Design

Purpose:

Provide a specification that establishes reference data for use when evaluating burst pressure requirements for shutoff valve and adapter designs.

Scope:


This specification extends to burst pressures for Steel or Brass, Compression Packed or O-Ring Shutoff Valves and for adapters. This specification addresses application/design parameters as shown in chart below.

Valve Material	Valve Style	Maximum Design Pressure (PSIG)	Minimum Burst Pressure (PSIG)	Reference U.L. File
Steel	Packed	700	3000	SA12687
Steel	O-Ring	700	3000	SA12687
Brass	Packed	700	2500	SA12687
Brass	O-Ring	700	2500	SA12687

Adapter Material	Maximum Design Pressure (PSIG)	Minimum Burst Pressure (PSIG)
Steel	700	3000
Brass	700	2500

Notes:

1. Shutoff Valves or Adapter Assemblies with non-standard components or fittings will require review and evaluation under an "Exception" status, by Automatic Machine Products.
2. Automatic Machine Products does not conduct testing on an on-going basis.

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