

Safety Excess Flow Check Valve

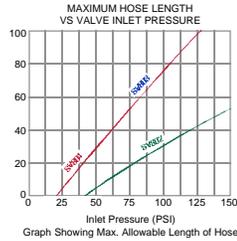
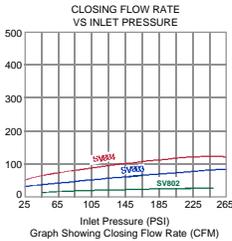


The unit is to be installed on compressed air lines leading to pneumatic tools.

Ordering Information:

Pipe Size	Model
1/4"	SV802
3/8"	SV803
1/2"	SV804

The safety excess flow check valve is designed to automatically shut off air flow upon a sudden break in the air line, thereby protecting personnel and property from "whipping" air hoses. Allows full unrestricted flow of air while in normal (open) position. Entire unit is corrosion free. It automatically re-sets itself after repair is made. Unit is tamper-proof. Meets OSHA safety regulations



TECHNICAL DATA: Select the same nominal size safety valve as the hose size leading to the respective air tool. Air flow must be in the direction of the arrow marked on the check valve. A safety check valve should be installed for use before each air tool. The actual length of hose from safety check valve to air tool must not exceed a certain length depending upon the inlet pressure (see chart). The volume of air flow (CFM) through an air line will vary according to its length. A longer line will offer more resistance to flow and thus reduce the volume. The length of a hose extending from the safety valve to the air tool must, therefore, be limited to a certain length to insure sufficient flow to trigger the safety valve in case of a break. Check graph for hose length limitations. The closing flow rate (CFM) at various inlet pressure can be obtained from the flow rate chart.

CAUTION: Do not reduce safety valve with bushings for use with a smaller air line. If this is done, there will not be a sufficient CFM flow during a line break to shut off the air flow through the safety valve (See Technical Data).

Note: Nominal sizes of valve and connecting hose must be consistent (i.e. 1/4" valve to be used with 1/4" hose).

Flexflow® Hose

FLUID APPLICATIONS

Ideal for Machine Shop Coolants, Machine Lubrication, and Parts Washing

Nitrile Hose Ordering Information:

Male NPT	Description	Model
1/8"	1/8" MPT x 6" Fluid Flexflow	90206
1/8"	1/8" MPT x 9" Fluid Flexflow	90209
1/8"	1/8" MPT x 12" Fluid Flexflow	90212
1/8"	1/8" MPT x 15" Fluid Flexflow	90215
1/8"	1/8" MPT x 18" Fluid Flexflow	90218
1/8"	1/8" MPT x 24" Fluid Flexflow	90224
1/4"	1/4" MPT x 6" Fluid Flexflow	90406
1/4"	1/4" MPT x 9" Fluid Flexflow	90409
1/4"	1/4" MPT x 12" Fluid Flexflow	90412
1/4"	1/4" MPT x 15" Fluid Flexflow	90415
1/4"	1/4" MPT x 18" Fluid Flexflow	90418
1/4"	1/4" MPT x 24" Fluid Flexflow	90424
1/4"	1/4" MPT x 30" Fluid Flexflow	90430
3/8"	3/8" MPT x 6" Fluid Flexflow	90606
3/8"	3/8" MPT x 9" Fluid Flexflow	90609
3/8"	3/8" MPT x 12" Fluid Flexflow	90612
3/8"	3/8" MPT x 15" Fluid Flexflow	90615
3/8"	3/8" MPT x 18" Fluid Flexflow	90618
3/8"	3/8" MPT x 24" Fluid Flexflow	90624
3/8"	3/8" MPT x 30" Fluid Flexflow	90630
1/2"	1/2" MPT x 6" Fluid Flexflow	90806
1/2"	1/2" MPT x 9" Fluid Flexflow	90809
1/2"	1/2" MPT x 12" Fluid Flexflow	90812
1/2"	1/2" MPT x 15" Fluid Flexflow	90815
1/2"	1/2" MPT x 18" Fluid Flexflow	90818
1/2"	1/2" MPT x 24" Fluid Flexflow	90824
1/2"	1/2" MPT x 30" Fluid Flexflow	90830
3/4"	3/4" MPT x 6" Fluid Flexflow	91206
3/4"	3/4" MPT x 9" Fluid Flexflow	91209
3/4"	3/4" MPT x 12" Fluid Flexflow	91212
3/4"	3/4" MPT x 15" Fluid Flexflow	91215
3/4"	3/4" MPT x 18" Fluid Flexflow	91218
3/4"	3/4" MPT x 24" Fluid Flexflow	91224

Flexflow is the exclusive, flexible, bendable coolant and air hose for problem-free cooling and blowing. Just bend Flexflow - it adjusts to any position and won't shift. Flexflow allows air or coolant to be precisely directed to the work area. Flexflow is oil-resistant, leakproof and engineered with all brass nozzles, plus a tough copper core. Contact factory for custom fitting configurations. Available in Nitrile or Thermoplastic.



Nitrile Hose



Thermoplastic Hose

Ideal for use with our Mist Coolant (page 82).

Thermoplastic Hose Ordering Information:

Male NPT	Description	Model
1/8" NPT	1/8" MPT x 6" Fluid Flexflow	92206
1/8" NPT	1/8" MPT x 9" Fluid Flexflow	92209
1/8" NPT	1/8" MPT x 12" Fluid Flexflow	92212
1/8" NPT	1/8" MPT x 15" Fluid Flexflow	92215
1/8" NPT	1/8" MPT x 18" Fluid Flexflow	92218
1/8" NPT	1/8" MPT x 24" Fluid Flexflow	92224
1/4" NPT	1/4" MPT x 6" Fluid Flexflow	92406
1/4" NPT	1/4" MPT x 9" Fluid Flexflow	92409
1/4" NPT	1/4" MPT x 12" Fluid Flexflow	92412
1/4" NPT	1/4" MPT x 15" Fluid Flexflow	92415
1/4" NPT	1/4" MPT x 18" Fluid Flexflow	92418
1/4" NPT	1/4" MPT x 24" Fluid Flexflow	92424

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