

**Series CPO Check / Diffuser Valves**  
**SUGGESTED SPECIFICATIONS**

The Series CPO check valves shall allow flow of media in one direction only. Media will flow into the inlet side of the valve and escape from the outlet side of the valve. Flow back into the outlet side of the valve will be prevented by the intrinsic, basic design of the valve. The check valve will be constructed such that it will withstand backpressure while still retaining as low a head loss through the valve as possible.

The Series CPO check valves shall be designed to have a clearance fit and easily slid over the outside diameter of a pipe. 316 stainless steel clamp(s) will be supplied to secure the check valve to the pipe. Sizes larger than 12" (300mm) will have sectional clamp(s) with hardware to clench them together in order to provide the clamping force required to create a seal. Holes in each clamp section may be used to bolt through the clamp, elastomer cuff and finally the pipe to provide positive fixing of the valve to the pipe.

The check valve shall be manufactured starting with a 1/4" or 1/2" thick tube of a media stable elastomer. Reinforcement and/or structural integrity of valve shall be provided by means of reinforcing fabric applied in layers onto the tube.

Filler material (if required) will be comprised of 70 durometer elastomer.

The check valve cover will be 1/8" thick fire retardant Neoprene unless otherwise specified at time of order.

The Check Valve manufacturer must maintain a Registered Quality Assurance Program, which meets the requirements of ISO 9001.

The Check Valves shall be manufactured by Elasto-Valve Rubber Product Inc. located in Sudbury, Ontario, Canada.