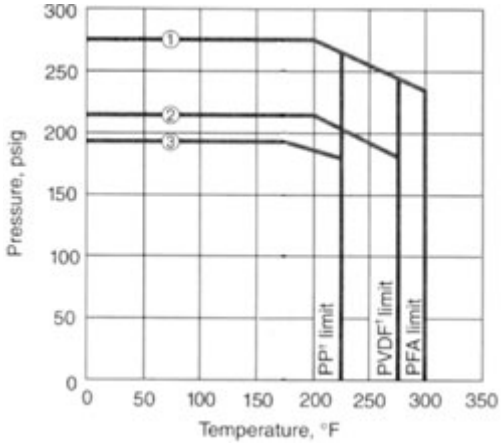
Available models and sizes

Size, inches	1		1 1/2		2		3		4		6		8	
Body Material	DI	CS	DI	CS	DI	CS	DI	CS	DI	CS	DI	CS	DI	CS
PP	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PVDF		X		X		X		X		X		X		X
PFA		X		X		X		X		X				

DI = Ductile Iron CS = Cast Steel

Pressure/temperature ratings for Resistoflex check valves



1. Class 150 Cast Steel 1" - 4" valves
2. Class 150 Cast Steel 6" - 8" valves
3. Class 150 Ductile Iron

†Maximum liner/diaphragm capabilities may be lower depending on the agressiveness of the fluid being handled. Refer to the Chemical Resistance Guide.

Calculating pressure drop

The C_v values given in the table below can be used to approximate pressure drop (ΔP), in psig, across the valve when the required flow (Q) in gallons per minute is know by using the following formula: G = specific gravity

$\Delta P = G(Q/C_v)^2$

Positioning hint for check valves

To prevent excessive poppet wear, it is recommended that the piping from the pump discharge to the valve be at least 10 feet in length and include a change in direction.