



CHEM FLOWTRONICS

TEFLON LINED CHECK VALVES



This series of process check valves was developed for use on fluids compatible with the corrosion resistant characteristics of virgin TFE. The body of the valve is made from a combination of ductile iron and steel. The body parts do not come into contact with the process flow. End connections are made with a TFE reducing flange. This new series offers high physical strength in combination with the high corrosion resistance of virgin TFE. The simple internal design provides for high flow rates at a very low pressure drop.

All wetted parts of Chem Flowtronics model 1850 spring loaded check valves are TFE. The housing is a combination of ductile iron and steel.

Valve Size
Face to Face

1"	5 ¹ / ₈ "
1 ¹ / ₂ "	5 ¹ / ₈ "
2"	5 ¹ / ₄ "
3"	5 ¹ / ₂ "
4"	6 ³ / ₄ "

Size	Catalog No.	Description
1"	CV-25-TFE	TFE Lined Spring Loaded Check Valve
1 ¹ / ₂ "	CV-40-TFE	TFE Lined Spring Loaded Check Valve
2"	CV-50-TFE	TFE Lined Spring Loaded Check Valve
3"	CV-80-TFE	TFE Lined Spring Loaded Check Valve
4"	CV-100-TFE	TFE Lined Spring Loaded Check Valve

CV-25-TFE
CV-40-TFE
CV-50-TFE

Max psi @ ambient — 150 psig

CV-80-TFE
CV-100-TFE

Max psi @ ambient — 100 psig



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Features:

- Low Pressure Drop
- High Flow Rates
- Spring Loaded Teflon® Wetted
- Long Cycle Life