

CHECK VALVE

Application:

Uni-directional flow control of critical fluid and gases.

This valve is a high flow, zero leak, low pressure-drop check valve suitable for most fluid & gas application.

This valve is ideally suited for cryogenic system applications.

Options Include: Thread connections



Features:

- ❖ Fully guided poppet with free floating O-ring design is extremely tolerant of particulate contamination
- ❖ Back stopped poppet minimizes spring stress
- ❖ Flow arrow label with valves crack pressure rating is permanently attached
- ❖ Resilient, custom molded, blow out resistant seat design
- ❖ Leakage: Zero to maximum operating pressure. PTFE seals may require back pressure to seal leak-tight
- ❖ Size : 1/8" - 2" NPT (DN8 – DN50)
- ❖ Nominal Crack Pressure : 0.15, 1, 3 & 8 PSIG (0.01, 0.07, 0.21, 0.55 Bar)
- ❖ Pressure Range : 0.01 – 310 bar (0.15 - 4500 PSIG)
- ❖ Temperature Range : - 320°F to 450°F (-195°C to 232°C)
- ❖ Cleaned & packed for oxygen service as per CGA G-4.1
- ❖ 100% factory tested for both crack & reseal

Technical Data:

- ❖ Designed and manufactured in accordance with ASTM B31.1
- ❖ Full material traceability backed by BS EN 10204 3.1 certification
- ❖ ECE R110 certification is under process