Product Features

- Low cracking pressure for easy use in most applications
- Standard and non-metallic versions for assured chemical compatibility

Description

In many applications, there is a need to limit fluid flow in one direction. Our inline check valve is the perfect solution to deal with this issue. Note: Use of the improper fittings may damage the check valves and render them non-functional.
Technical Information

Connectivity  ¼-28 x 2
Material  Peek
Pressure rating*  Bar  30
Nominal flow of air with the pressure drop across the valve of 1 bar  L/min  10L/min
Nominal flow of water with the pressure drop across the valve of 1 bar  L/min  0.3L/min
Spring material options  316 Stainless Steel C276
Cracking Pressure options  Bar  0.1  1.0
Seal options  FKM FFKM
Operating temperature range  C  -20C to 150C

* Dependent of fitting used

Recommended fittings from Upchurch Scientific

Fitting (P-331, 1/4-28 Peek Nut for 1/8" tubing)  Peek
Ferrule (P-359-Tefzel ferrule for 1/8 tubing)  Tefzel
Fitting (LT-115, 1/4-28 Peek Nut for 1/16" tubing)  Peek
Ferrule (P-248-Tefzel ferrule for 1/16 tubing)  Tefzel
Fitting (P-331, 1/4-28 Peek Nut for 2mm tubing)  Peek
Ferrule (P-355-KEL-F ferrule for 2mm tubing)  Kel-F

Standard Part Number = 12110-PEEK-0.1BARG-FKM

(standard configuration is with 316 Stainless Steel Springs)
Dimensions

22.0
10.0
3.3
5.5
10.0