

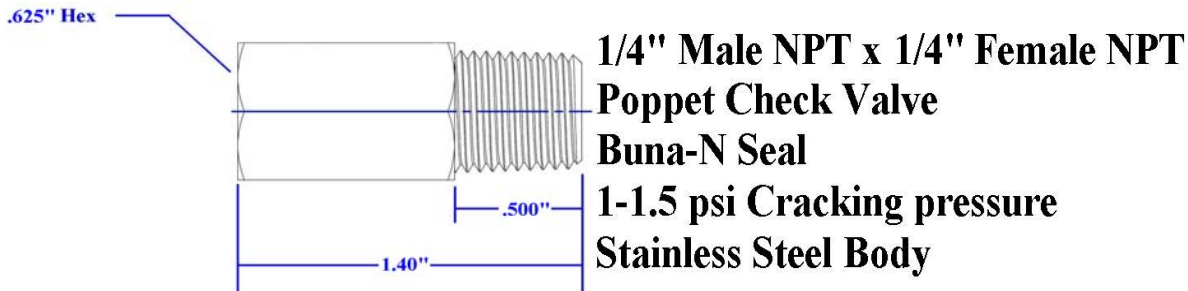


INDUSTRIAL SPECIALTIES MFG.

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CHHP-4M4F-BU-HSS **Specification Sheet**

Spring operated, poppet-style design valves with 1 to 1 1/2 psi cracking pressure. Nitrile (Buna) or Silicone FDA compound o-rings are standard but other compounds such as Viton or EPDM are available options. Flow is from the Male thread to the Female thread.



O-Ring

Nitrile, Buna-N (NBR):

Nitrile, also known as Buna-N or NBR, is a copolymer of Butadiene and Acrylonitrile. It is the most commonly used elastomer for sealing products. It has a temperature range of -40F to +250F and is exceptionally resistant to petroleum base oils and hydrocarbon fuels. Nitrile materials also exhibit excellent tensile strength and abrasion resistance properties. The material performs well with most dilute acids, silicone oils and lubricants and in water applications. It is not recommended for use with ketones, aromatic hydrocarbons and phosphate ester hydraulic fluids. Ozone resistant Nitriles are recommended where extended exposure to air and ozone are anticipated. More than 50% of the O-rings sold are Nitrile O-rings, commonly used in hydraulic/pneumatic motors, cylinders, pumps and valves.

Cracking Pressure and Flow Rates

Cracking Pressure PSI	Flow Rates in Gals./Min. (Using 3/8\" Feedwater Tubing)			
	5 psi	10 psi	15 psi	20 psi
1 to 1 1/2 psi	1.28	1.92	2.36	2.80