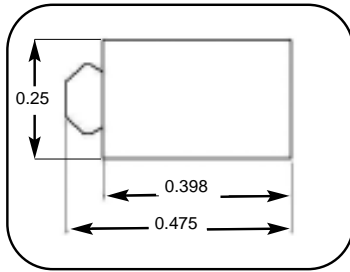


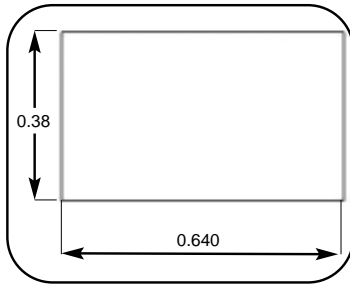
The 3100 series of plastic cartridge check valves may be used for air or liquid and are ideal for low pressure manifold or tubing applications.

2C



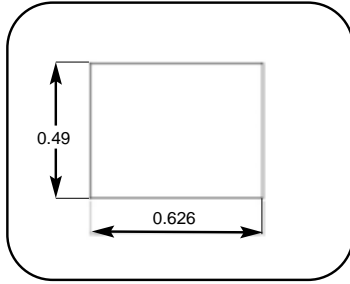
1/4 inch 3100 Series Cartridge	
Max Pressure	25 psi
Orifice size	.161
Flow Coefficient: Cv:	65
Cracking pressure currently available	3" H <sub>2</sub> O - 10 psi

3C



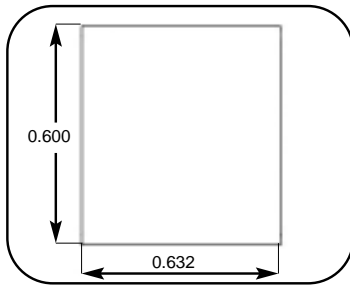
3/8 inch 3100 Series Cartridge	
Max Pressure	50 psi
Orifice size	.200
Flow Coefficient: Cv:	1.10
Cracking pressure currently available	3" H <sub>2</sub> O - 10 psi

4C



1/2 inch 3100 Series Cartridge	
Max Pressure	50 psi
Orifice size	.200
Flow Coefficient: Cv:	1.10
Cracking pressure currently available	3" H <sub>2</sub> O - 10 psi

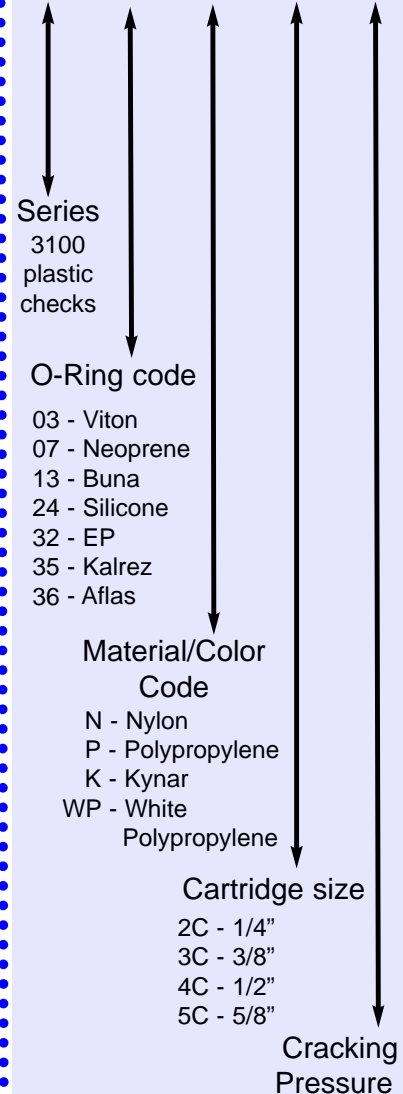
5C



5/8 inch 3100 Series Cartridge	
Max Pressure	50 psi
Orifice size	.332
Flow Coefficient: Cv:	2.90
Cracking pressure currently available	3" H <sub>2</sub> O - 10 psi

**EASY ORDER**  
the Valve Check way

**31 03 - P - 4C - 1**



- 03 - Viton
- 07 - Neoprene
- 13 - Buna
- 24 - Silicone
- 32 - EP
- 35 - Kalrez
- 36 - Aflas

- N - Nylon
- P - Polypropylene
- K - Kynar
- WP - White Polypropylene

- 2C - 1/4"
- 3C - 3/8"
- 4C - 1/2"
- 5C - 5/8"

Valve Check part # description:

- 3100 series, viton o-ring,
- Polypropylene body
- 1/2 inch cartridge
- Cracking pressure: 1 psi

**Cracking pressure tolerance is 10-20%**

**Temperature range will vary by body and o-ring material**

**Other options**  
**(materials, colors, sizes and external o-ring grooves)**  
**available upon request**