



**Pneuline**  
Supply, Inc.

**DATA SHEET**

# MPVC-6B-PCF

|                            |                                       |
|----------------------------|---------------------------------------|
| <b>Product Series:</b>     | MPVC                                  |
| <b>Product Type:</b>       | Inline Check Valve Cleanroom          |
| <b>Housing Material:</b>   | Polycarbonate                         |
| <b>Diaphragm Material:</b> | 0.030" Fluorosilicone                 |
| <b>Inlet:</b>              | Blue Polycarbonate Macrolon Rx2530    |
| <b>Outlet:</b>             | Natural Polycarbonate Macrolon Rx2530 |
| <b>Max Operating Temp:</b> | 276.80°F / 136.00°C                   |
| <b>Min Operating Temp:</b> | -22.00°F / -30.00°C                   |
| <b>Product SKU:</b>        | 001050302                             |

## Physical Properties

|                                 |   |
|---------------------------------|---|
| Size and Weight:                | 1.565 Long 0.765 Wide, 2.94g              |
| Max Operating Tensile Stress:   | 50 lbs                                    |
| Max Allowable Leak Rate:        | 0.009 cm <sup>3</sup> /sec @ 65 psi (air) |
| Max Operating Pressure:         | 65 psi (air)                              |
| Cracking Pressure:              | 0.0 psi (Normally Open)                   |
| Required Sealing Back Pressure: | Less than 0.1 psi (air)                   |