

Specifications

Brands	Air Logic
Nominal Orifice Size	0.001 in
Tubing Inside Diameter (ID)	1/8 in
Color	Transparent Blue
Connection Type	Barbed
Wetted Material(s)	Nickel Polysulfone (PSU)
Maximum Pressure	125 psi (8.6 bar)
Typical Tube Retention Pressure¹	125 psi (8.6 bar)
Nominal Flow Coefficient (Cv)	0.000024
Installation Method	Push-In

Barbed connections are a clean, time tested and cost efficient method of connection. The hoop strength of the tube holds around the barbed fitting. Air Logic's first barb is free of a parting line to create a good seal, additional barbs increase holding force for tube retention. Barbed connections are free of lubrication or thread sealant used in other styles of connection. Simply push the tube over the barb and the connection is complete. Straight ports are generally used with 1/16" ID tubing but may also be used in a captured design with an external O-ring seal (not included).

Additional Information

Orifices are Factory tested in the direction marked on the product. The product will function in either direction, but using the product in the indicated direction will improve accuracy of the flow control. Orifices are non-adjustable and tamperproof method of flow control. Orifices are sometimes called Flow Restrictors, Snubbers, Pneumatic resistors, Flow reducers, Flow dampeners. Applications include all types of miniature, pneumatic, or fluidic systems (examples: coffee makers, gas analyzers, medical beds, and printing systems).

- ¹ Subject to tubing specification