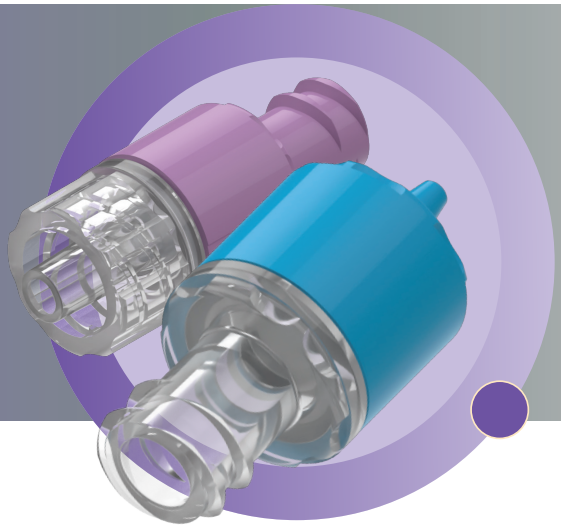
MANUFACTURING

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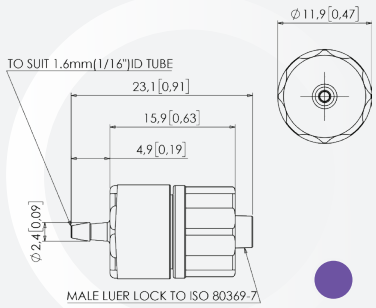
ECiV Mini Diaphagm Check Valves

Medical grade ISO 80369-7 check valves









Dimensional drawing for every product

Diaphragm Check Valve Product Features

- **Sizes:** 1/16", 3/32" & 1/8"
- **Connection:** Barb/Female to Male Luer
- **Cleanroom:** Class 8
- **Material:** ABS with Silicone Disc
- **Cracking Pressure:** ≤1 psi
- Filtered & non-filtered options
- ISO 80369-7 compatible
- Umbrella available on request
- Custom options available on request - choose a different material, connection or internal configuration

Diaphragm Check Valves at a Glance

Check valves are an essential component in many pneumatic and fluidic systems, preventing the possibility of reverse flow (backflow), opening at a designated pressure ensuring that cross-contamination does not occur upstream.

Applications:

- Medical Applications
- Bioprocessing
- Filtration Systems
- Fluid Handling

Why Choose our ECiV Check Valves?

The EoxMfg range of diaphragm check valves is manufactured using "modular" tooling which enables us to offer a variety of input and output connections in a cost effective way (typically hose barbs and luer thread connections).

Our current range features the most popular and widely used variants. These options are ideal for small-scale trials and prototype applications and they readily scale from R&D projects to high-volume production.

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Diaphragm Check Valve Part Numbering

Prefix	Inlet Connector		Outlet Connector		Body	Seal		Filter		
	Size	Description	Size	Description	Material	O-ring	Description	Cracking Pressure	Material	Micron
		(a)		(b)	(c)		(d)	(e)	(f)	(g)
E-C	-2B -3B -4B	1/16" Barb 3/32" Barb 1/8" Barb	-2B -3B -4B	1/16" Barb 3/32" Barb 1/8" Barb	-ABS	-S	Silicone	-01 ≤0.1 psi	Glass Fibre Disc	0.2
	-ML	Male Luer Lock	-ML	Male Luer Lock						
	-FL	Female Luer Lock	-FL	Female Luer Lock						

Example

E-C-2BML-ABS-S01-GF02

Inlet
(a) 1/16" Barb

Outlet
(b) Male Luer

Body Material
(c) ABS

Seal
(d) O-ring material: Silicone
(e) Cracking pressure: ≤0.1 psi

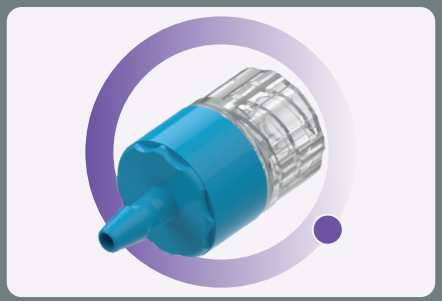
Filter
(f) Hydrophobic Glass Fibre disc
(g) Micron: 0.2

Find the Perfect Connecting Style Option

Male Luer to Female Luer Lock



Barb to Male Luer Lock



Barb to Barb



Need a Custom Component for your Application?

Scan the QR code for instant access to the online ECiV range, including downloadable 3D models and full technical data.

- Umbrella option available
- Custom options available on request - MOQs apply

Scan the QR code to get started.