

Sanitary Steam-in-Place Connectors



Before Choosing a Fitting, Consider the Following

When temperature and pressure are essential, ensure that the fittings you select are suitable for your operating conditions. It's important to note that most fittings cannot operate at their maximum temperature and maximum pressure ratings simultaneously.

Use these high-quality PVC-free fittings in biomedical, pharmaceutical, electronic, and other critical-use applications.



CERTIFICATION

Cole-Parmer will provide a certificate of compliance FREE at your request where applicable.

APPLICATIONS

- Bioprocess, life science, and pharmaceutical industries
- General-purpose, laboratory, and single-use applications to connect tubing with the rest of your system

FEATURES/BENEFITS

- Free technical application support available to determine which connector type is needed for your application
- Quick and easy assembly without tools
- Single barb design tightly “grips” the tubing

USA	+1.800.323.4340
	+1.847.549.7600
Canada	+1.800.363.5900
China	86.21.5109.9909
France	+33 (0) 1486 37800

Germany	+49 (0) 9377 92030
India	+1.800.266.1244
Italy	+39 (0) 1313 89513
UK	+44 (0) 1480.272279
All others	+1.847.549.7600

Materials

Polysulfone

- Excellent chemical resistance
- Operating temperature range: -100 °C to 150 °C (-148 to 302 °F)

Polysulfone is highly resistant to mineral acids, alkali, and electrolytes in pH ranging from 2 to 13. It is resistant to oxidizing agents and can be cleaned with bleach. Polysulfones are transparent, amorphous polymers with high strength and high heat resistance. Their glass transition temperatures range from 180 to 250 °C. They are hydrolytically stable and (along with their heat resistance) are very stable to repeated steam sterilization cycles.

Specification and Ordering Table

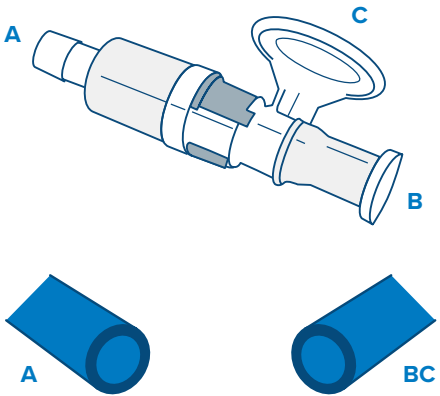
Tubing ID Dimensions (AxBxC)	Type	Item number	Pack Size
1/2" x 3/4" x 1-1/2"	Sanitary Steam-in-Place Connector	50113-43	1/ea
3/8" x 3/4" x 1-1/2"	Sanitary Steam-in-Place Connector	50113-44	1/ea
3/8" x 3/4" x 1-1/2"	Sanitary Steam-in-Place Connector	50113-48	1/ea
1/2" x 3/4" x 1-1/2"	Sanitary Steam-in-Place Connector	50113-51	1/ea
1/2" x 3/4" x 3/4"	Sanitary Steam-in-Place Connector	50113-41	1/ea
3/8" x 3/4" x 3/4"	Sanitary Steam-in-Place Connector	50113-42	1/ea
1/2" x 3/4" x 3/4"	Sanitary Steam-in-Place Connector	50113-45	1/ea
3/8" x 3/4" x 3/4"	Sanitary Steam-in-Place Connector	50113-46	1/ea
1/2" x 3/4" x 1-1/2"	Sanitary Steam-in-Place Connector	50113-47	1/ea
1/2" x 3/4" x 3/4"	Sanitary Steam-in-Place Connector	50113-49	1/ea
3/8" x 3/4" x 3/4"	Sanitary Steam-in-Place Connector	50113-50	1/ea
3/8" x 3/4" x 1-1/2"	Sanitary Steam-in-Place Connector	50113-52	1/ea
3/4" x 3/4" x 3/4"	Sanitary Steam-in-Place Connector	50113-53	1/ea
3/4" x 3/4" x 1-1/2"	Sanitary Steam-in-Place Connector	50113-54	1/ea

Fittings

For additional options and complete offering, visit [coleparmer.com](https://www.coleparmer.com).



Connector



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