

SINGLE-USE SILICONE MANIFOLD CONNECTIONS

STYLES & SIZE RANGES



Now available
in **AdvantaSil®**
Ultra Low
Temp Silicone



Single use silicone manifolds are manufactured by molding straight sections of tubing or hose with connectors such as T's, Y's, and reducers. Most molded connectors provide a seamless transition for a continuous, unrestricted, leak-proof flow by eliminating the use of barbed fittings. Manifolds are custom made to your specifications. Certain silicone materials are available with **validated sterility assurance** of 10^{-6} per ISO 11137 method Vdmax. Choose from the connection options listed here, other shapes like elbows, or suggest your own.



SILICONE

www.advantapure.com



Y Connector

Size range: .125" I.D. x .250" O.D.
(3.18mm I.D. x 6.35mm O.D.)

to: 1" I.D. x 1.405" O.D.
(25.40mm I.D. x 35.69mm O.D.)



T Connector

Size range: .063" I.D. x .188" O.D.
(1.60mm I.D. x 4.78mm O.D.)

to: .625" I.D. x .990" O.D.
(15.88mm I.D. x 25.15mm O.D.)



Cross

Size range: .125" I.D. x .250" O.D.
(3.18mm I.D. x 6.35mm O.D.)

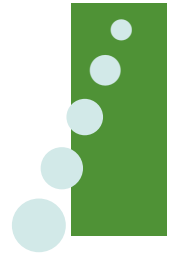
to: .625" I.D. x .875" O.D.
(15.88mm I.D. x 22.23mm O.D.)

Many size combinations are available for each type of connector, and other sizes are in development—talk with a representative for details. Connections are available for use with AdvantaSil® APST unreinforced silicone tubing, APHP high pressure tubing, APLT ultra low temperature tubing, and APSH braid reinforced silicone hose.

Full BPOG standardized extractables test results are available on request.

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Reducer Connector



Size range: .125" I.D. x .250" O.D.
(3.18mm I.D. x 6.35mm O.D.)

to: .750" I.D. x 1" O.D.
(19.05mm I.D. x 25.40mm O.D.)

Various size combinations within this range are available; call for details.

Tri-Clamp®



Size range: .188" I.D. x .375" O.D.
(4.78mm I.D. x 9.53mm O.D.)

to: 1" I.D. x 1.405" O.D.
(25.40mm I.D. x 35.69mm O.D.)

Available with polysulfone or stainless steel backing cups.



■ This cutaway of a Y connector shows the smooth interior created by the molding process.

Mini Tri-Clamp®



Size range: .125" I.D. x .250" O.D.
(3.18mm I.D. x 6.35mm O.D.)

to: .500" I.D. x .875" O.D.
(12.70mm I.D. x 22.23mm O.D.)

Most sizes available with polysulfone or stainless steel backing cups; some larger sizes available with stainless steel only.

Many size combinations are available for each type of connector, and other sizes are in development—talk with a representative for details. Connections are available for use with AdvantaSil® APST unreinforced silicone tubing, APHP high pressure tubing, APLT ultra low temperature tubing, and APSH braid reinforced silicone hose.

Purity in Fluid Flow Systems®



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