

MOLDED SILICONE ASSEMBLIES

PLATINUM-CURED SILICONE TUBING AND FITTINGS



Supplied as silicone fittings attached directly to silicone tubing or hose, AdvantaPure's Molded Silicone Assemblies are engineered for applications involving aseptic transfer, sterile processing, and other critical applications in the pharmaceutical, biopharm, and high purity industries. The assemblies reduce installation time, improve cleanliness, and retain the many benefits of silicone. Full BPOG standardized extractables test protocol has been performed on the silicone tubing and fittings by a fully-accredited, third-party test lab.



SILICONE

www.advantapure.com

KEY FEATURES



- Particulate testing per USP 788 is performed quarterly
- The assemblies eliminate entrapment issues and leaks associated with barb-type fittings
- Compatible with AdvantaSil® APST, APHP (high pressure), and APLT (ultra low temperature) tubing and with APSH braid-reinforced hose; APHP applications include TFF, virus filtration, inline integrity testing of filtration assemblies, and high volume fluid transfer; APLT remains flexible at -112°C
- Provides a smooth inner surface with a seamless transition
- Offers consistent interior dimensions for maximum flow rates
- Reduces end-user assembly times—arrives ready to install
- No product contact with metallic materials
- Certified free of animal-derived ingredients
- Retains silicone's general temperature range: -100°F to 400°F (APLT: -169.6°F to 347°F (-112°C to 175°C))
- Extremely flexible
- Sterilizable by CIP, SIP, and autoclave processes
- Imparts no taste or odor to critical streams
- Cleanroom manufactured
- Sealed in clear polybags during manufacturing process to ensure cleanliness
- Documented lot traceable with identification on packaging
- Documented quality control per ISO 9001:2015

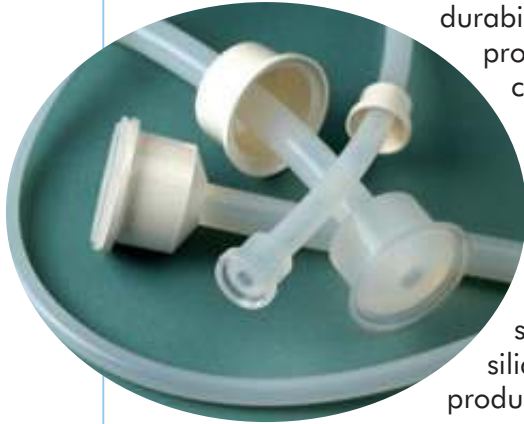
Full BPOG standardized extractables test results available on request

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Molded Silicone Assemblies are available from AdvantaPure in mini and standard Tri-Clamp® fitting styles and are supplied with male gaskets molded directly to the face of the fitting. Straight-through designs are produced in sizes up to 1" tube I.D. Protective backup cups, offered in polysulfone or series 304 stainless steel for extra durability,

provide a stable clamping surface and safeguard the fittings during installation and use.



All assemblies are custom made to best meet each application's requirements and incorporate either unreinforced silicone tubing, including our high pressure and ultra low temperature styles, or braid-reinforced silicone hose. Working pressure ratings vary depending on product. Call AdvantaPure today to discuss your needs.

SILICONE

Purity in Fluid Flow Systems®

Molded Silicone Assemblies are part of a complete line of products for the Pharmaceutical, Biomedical, Cosmetic, and Food industries. Items available include . . .



- Unreinforced, 50 Shore A, platinum-cured silicone tubing
- Braid-reinforced, platinum-cured silicone hose
- Wire and mesh reinforced, mandrel-wrapped, platinum-cured silicone suction hose
- AdvantaFlex® biopharmaceutical grade TPE tubing
- Stainless steel overbraided PTFE hose and wire-reinforced EPDM hose
- Sanitary fittings and complete hose assemblies including molded silicone ends
- Silicone injection molding capabilities – manifolds, stoppers, and sealing systems for Single-Use processes

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NEWAGE INDUSTRIES



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ESOP Employee Owned
for Your Benefit