

# 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 well-suited for applications involving aseptic transfer, sterile processing, and other critical applications in the pharmaceutical, biomedical, and high purity industries. The assemblies reduce installation time, improve cleanliness, and retain the many benefits of silicone.

Molded Silicone Assemblies are not intended for implantation or continuous steam applications.



### KEY FEATURES



- Eliminates entrapment issues and leaks associated with barb-type fittings
- 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
- Retains silicone's temperature resistance: -100°F to 400°F
- Extremely flexible
- Sterilizable by CIP, SIP, and autoclave processes
- Certified free of animal-derived ingredients
- 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 bags
- Documented quality control
- The compound used to make Molded Silicone Assemblies has a Master File with the U.S. Food and Drug Administration

SILICONE

[www.advantapure.com](http://www.advantapure.com)

# MOLDED SILICONE ASSEMBLIES

## PLATINUM-CURED SILICONE TUBING AND FITTINGS

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 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; rubber-covered FEP and 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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