

# Medical Grade Silicone Tubing & Extrusions

USP Class VI Biocompatible Materials



## Our Capabilities:

With in-house extrusion capabilities, Parker's Composite Sealing Systems Division (CSS) offers biomedical and pharmaceutical OEMs a wide range of medical grade single and multi-lumen tubing as well as x-ray opaque extrusions. We specialize in the design and manufacture of medical grade wire-reinforced, non-occluding silicone tubing. Our products are often integrated into medical devices such as cannulas, hoses, and other conveyance devices.

All tubing and extruded profiles are manufactured in our FDA registered ISO 13485 facility and are continuously monitored on the line for dimensional tolerances.



## Contact Information:

Parker Hannifin Corporation  
**Composite Sealing Systems Division**  
7664 Panasonic Way  
San Diego, CA 92154 USA

phone 619 661 7000  
css\_support@support.parker.com

[www.parker.com/css/medical](http://www.parker.com/css/medical)

## Product Features:

- Our portfolio of extrudable materials includes medical grade silicones from DuPont, Momentive, NuSil, Shin-Etsu, and Wacker
- All materials meet USP Class VI requirements for biocompatibility
- Antimicrobial materials available
- Encapsulated spring or wires available for improved strength and collapse prevention
- Extrusions can be sterilized prior to shipment
- Overmolding, printing, punching and assembly processes available



ENGINEERING YOUR SUCCESS.

## Tubing Sizes

Parker's Composite Sealing Systems Division's tubing and extruded profiles are manufactured to biomedical and pharmaceutical OEMs' dimensional specifications.

## Packaging

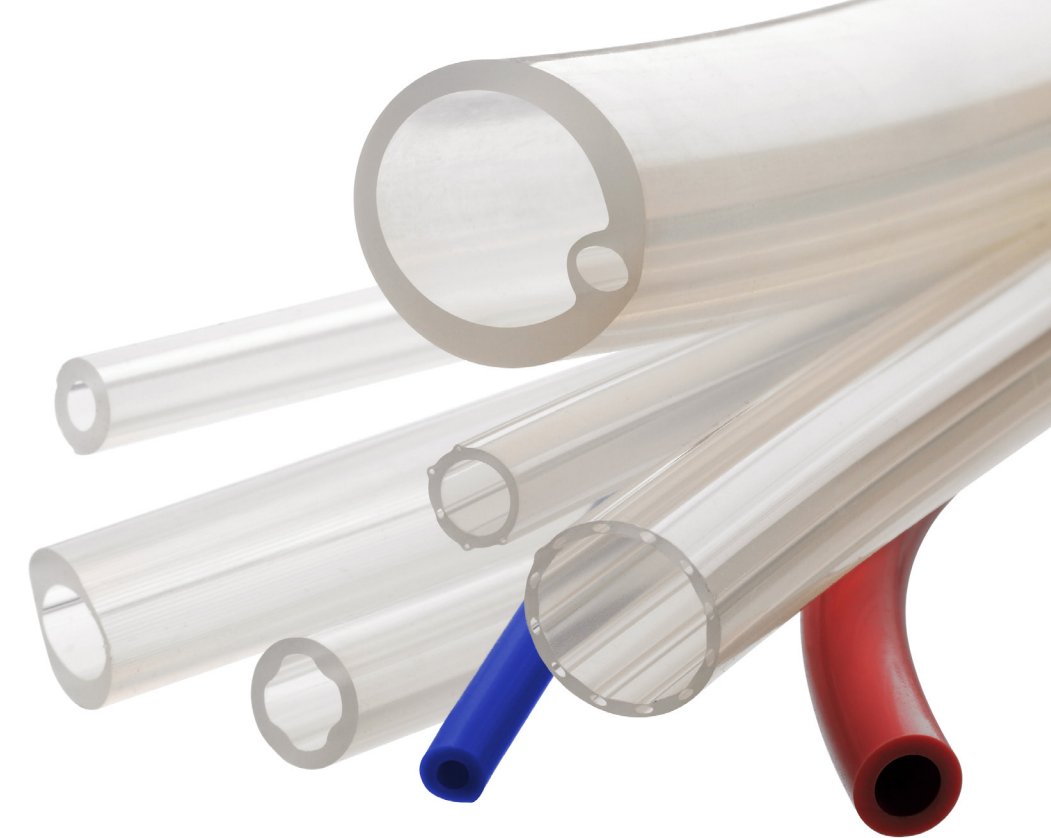
Tubing can be packaged in long lengths, or cut to shorter lengths, as specified by customer.

## Custom Configurations

We manufacture custom sized tubing with ID configurations ranging from 0.012" to 1.0". Wall thickness and cut length specified by the customer to meet application requirements.

## Recommended for use in:

- Peristaltic pumps
- Multi-lumen catheter mainshafts
- Wound drainage tubes
- Enteral feeding catheters
- Spring reinforced catheters
- Peritoneal dialysis catheters
- Tracheostomy tubes
- Foley catheter mainshaft and cuffs
- Vascular loops
- Cannulas
- Drug delivery



---

## Spring Reinforced Tubing

Our manufacturing expertise includes the ability to encapsulate coil spring to produce reinforced tubing for use in applications where prevention of kinks and collapse is paramount for unobstructed flow and access.



---

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.