

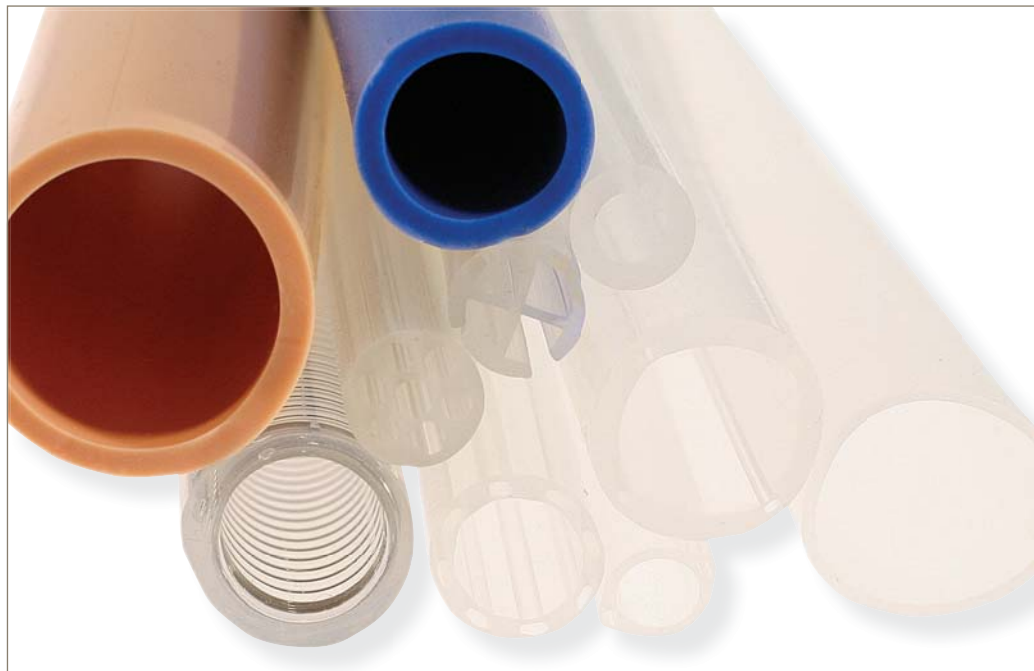
# Medical Grade Silicone Tubing & Extrusions

USP Class VI Biocompatible Materials



With in-house tooling capabilities, Parker's Medical Systems Division offers biomedical and pharmaceutical OEMs a wide range of medical grade single and multi-lumen tubing as well as extruded profiles. Along with x-ray striped and x-ray opaque extrusions, Parker's Medical Systems Division specializes in medical grade wire-reinforced, non-occluding silicone tubing that are used to manufacture adult and pediatric catheters.

All of Parker's Medical Systems Division's tubing and extruded profiles are manufactured in an FDA Registered, ISO 13485 facility and are continuously monitored on the line for dimensional tolerances.



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## Product Benefits:

- All extrusions are platinum-cured.
- All extrusions do not contain any peroxides.
- All extrusions are manufactured with silicone materials from Dow Corning, Momentive, NuSil, Shin-Etsu, and Wacker that will pass ISO 10993 tests.
- All extrusions are manufactured in ISO Class 8 Cleanrooms.
- All extrusions can be sterilized with autoclave, ethylene oxide, or gamma radiation.



ENGINEERING YOUR SUCCESS.

**Tubing Sizes:**

Parker’s Medical Systems Division’s tubing and extruded profiles are manufactured to biomedical and pharmaceutical OEMs’ dimensional specifications. Most commonly used medical grade tubing sizes, along with their tolerances are listed in the tubing chart shown.

Tubing is packaged in 50 foot coils (15.24 meters), double bagged and shipped in crush-resistant boxes. Material certification and lot traceability are included in every box.

Custom sized tubing with ID’s ranging from 0.012” to 1.0” with desired wall thickness can be extruded and cut to length per our customers’ exact written specifications.

**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

INSIDE DIAMETER		OUTSIDE DIAMETER		WALL	
Inch	mm	inch	mm	inch	mm
.012	.31	.025	.64	.006	.15
.020	.51	.037	.94	.008	.20
.025	.64	.047	1.19	.011	.28
.030	.76	.065	1.65	.018	.46
.040	1.02	.085	2.16	.023	.58
.058	1.47	.077	1.96	.009	.23
.062	1.58	.095	2.41	.016	.41
.062	1.58	.125	3.18	.032	.81
.078	1.98	.125	3.18	.024	.61
.104	2.64	.192	4.88	.044	1.12
.132	3.35	.183	4.65	.026	.66
.125	3.18	.250	6.35	.063	1.59
.188	4.76	.313	7.94	.063	1.59
.188	4.76	.375	9.53	.094	2.38
.250	6.35	.375	9.53	.063	1.59
.250	6.35	.438	11.11	.094	2.38
.250	6.35	.500	12.70	.125	3.18
.313	7.94	.500	12.70	.094	2.38
.375	9.53	.500	12.70	.063	1.59
.375	9.53	.563	14.29	.094	2.38
.375	9.53	.625	15.88	.125	3.18
.500	12.70	.688	17.46	.094	2.38
.500	12.70	.750	19.05	.125	3.18
.625	15.88	.875	22.23	.125	3.18
.625	15.88	.938	23.82	.156	3.97
.750	19.05	1.000	25.40	.125	3.18



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