

Standard Silicone Tubing



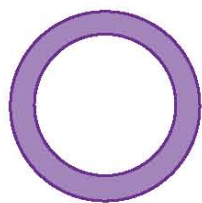
HelixMark Standard Tubing

HelixMark standard silicone tubing is offered in a full range of competitive sizes in four choices of silicone elastomer: Dow Corning Silastic®, Wacker Silicones Corporation, NuSil Technology, or General Electric Silicones.

All of our HelixMark standard silicone tubing offerings are platinum-cured, and contain no additives, plasticizers, or peroxide components. The tubing is nonadherent and resists clotting, sticking or encrustation. With the ability to operate at elevated temperatures, it will not oxidize or deteriorate. Rigorous testing, including expanded biocompatibility, provides quality assurance for the most demanding Biomedical/Pharmaceutical industry standards.

HelixMark standard tubing can be sterilized with autoclave, ethylene oxide, or gamma radiation within the user's validated cycles and exposure levels.

STANDARD TUBING RANGE SIZE INDICATOR



Largest Size:
.750 ID X 1.0 OD

Smallest Size:
.012 ID X .025 OD

SPECIFICATIONS

- ISO 10993-I
- ▲ FDA 21CFR 177-2600
- USP Class VI
- ▼ EP 3.1.9

50 Foot Coils (15.24 meters) • Packaged double bagged in crush-resistant boxes • Material Certification and Lot Traceability included in every box.

INSIDE DIAMETER		OUTSIDE DIAMETER		WALL		Dow Corning Silastic	Wacker	NuSil	GE Silicones
Inch	mm	Inch	mm	Inch	mm	ref number	ref number	ref number	ref number
.012	.31	.025	.64	.006	.15	60-011-01	60-411-40	60-795-01	60-805-01
.020	.51	.037	.94	.008	.20	60-011-02	60-411-41	60-795-02	60-805-02
.025	.64	.047	1.19	.011	.28	60-011-03	60-411-42	60-795-03	60-805-03
.030	.76	.065	1.65	.018	.46	60-011-04	60-411-43	60-795-04	60-805-04
.040	1.02	.085	2.16	.023	.58	60-011-05	60-411-44	60-795-05	60-805-05
.058	1.47	.077	1.96	.009	.23	60-011-06	60-411-45	60-795-06	60-805-06
.062	1.58	.095	2.41	.016	.41	60-011-07	60-411-46	60-795-07	60-805-07
.062	1.58	.125	3.18	.032	.81	60-011-08	60-411-47	60-795-08	60-805-08
.078	1.98	.125	3.18	.024	.61	60-011-09	60-411-48	60-795-09	60-805-09
.104	2.64	.192	4.88	.044	1.12	60-011-10	60-411-49	60-795-10	60-805-10
.132	3.35	.183	4.65	.026	.66	60-011-11	60-411-50	60-795-11	60-805-11
.125	3.18	.250	6.35	.063	1.59	60-011-21	60-411-51	60-795-21	60-805-21
.188	4.76	.313	7.94	.063	1.59	60-011-22	60-411-52	60-795-22	60-805-22
.188	4.76	.375	9.53	.094	2.38	60-011-23	60-411-53	60-795-23	60-805-23
.250	6.35	.375	9.53	.063	1.59	60-011-24	60-411-54	60-795-24	60-805-24
.250	6.35	.438	11.11	.094	2.38	60-011-25	60-411-55	60-795-25	60-805-25
.250	6.35	.500	12.70	.125	3.18	60-011-26	60-411-56	60-795-26	60-805-26
.313	7.94	.500	12.70	.094	2.38	60-011-27	60-411-57	60-795-27	60-805-27
.375	9.53	.500	12.70	.063	1.59	60-011-28	60-411-58	60-795-28	60-805-28
.375	9.53	.563	14.29	.094	2.38	60-011-29	60-411-59	60-795-29	60-805-29
.375	9.53	.625	15.88	.125	3.18	60-011-30	60-411-60	60-795-30	60-805-30
.500	12.70	.688	17.46	.094	2.38	60-011-31	60-411-61	60-795-31	60-805-31
.500	12.70	.750	19.05	.125	3.18	60-011-32	60-411-62	60-795-32	60-805-32
.625	15.88	.875	22.23	.125	3.18	60-011-33	60-411-63	60-795-33	60-805-33
.625	15.88	.938	23.82	.156	3.97	60-011-34	60-411-64	60-795-34	60-805-34
.750	19.05	1.000	25.40	.125	3.18	N/A	60-411-65	N/A	N/A

TYPICAL PROPERTIES AS CURED

Material	Q7-4750	HM-6540	HM-9540	HM-2540
Specific Gravity	1.16	1.15	1.14	1.15
Durometer Hardness, Shore A pts	50	55	50	52
Tear Strength, Die B, ppi	262	218	230	270
Tensile Strength, Die C, psi	1473	1385	1350	1400
Elongation, Percent	903	771	810	880

Please contact customer service for tolerances and custom size requests. Specification Writers: Values stated are typical values only and are not intended for use in preparing specifications.