

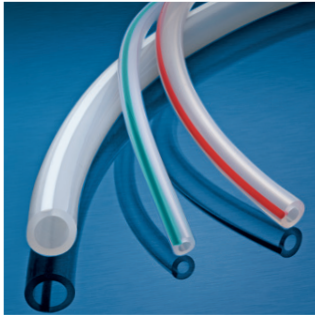
The world's leading pharmaceutical and medical device companies rely on HelixMark to provide an extensive selection of high-quality silicone tubing and fluid handling products.

All HelixMark products are clean room manufactured in compliance with medtech and pharmaceutical industry requirements.

The following criteria apply to all articles of this program:

- Materials approved in accordance with USP Class VI, ISO 10993-1, FDA 21CFR 177-2600 and EP 3.1.9 or EP 3.1.9 without appearance of solution
- All silicone is platinum cured.
- Production and packaging in ISO Class 8 clean rooms
- Certified manufacturing in compliance with ISO 13485 quality standards
- Sterilizable by Autoclave, Ethylene Oxide and Gamma Irradiation
- Material certification included
- Lot traceability
- Double bagged
- Standard product availability guarantees short delivery times
- Customer-specific solutions available outside the HelixMark standard product portfolio





HELIXMARK® COLOR STRIPE TUBING

HelixMark color stripe tubing helps to maintain a clear overview in complex tubing systems and enables quick and easy identification of individual applications, sizes or functional configurations. The tubing is available with stripes in red, green and white, individually packaged in pre-cut lengths of 50 feet.

Values listed are typical.
Typical hardness: 60 Shore A.
50 foot coils (~15 m).
Double bagged. Material certification and lot traceability included.*

IN ACCORDANCE WITH
ISO: ISO 10993-1
FDA: FDA 21CFR 177-2600
USP: USP-CLASS VI
EP: EP 3.1.9
(EP): EP 3.1.9 without appearance of solution

INSIDE DIAMETER		OUTSIDE DIAMETER		WALL THICKNESS		RED STRIPE ISO, FDA, USP	GREEN STRIPE ISO, FDA, USP	WHITE STRIPE ISO, FDA, USP
inch	mm	inch	mm	inch	mm	REF	REF	REF
.125	3.18	.250	6.35	.063	1.59	61-078-21	61-079-21	61-080-21
.188	4.76	.375	9.53	.094	2.38	61-078-23	61-079-23	61-080-23
.250	6.35	.500	12.70	.125	3.18	61-078-26	61-079-26	61-080-26
.313	7.94	.500	12.70	.094	2.38	61-078-27	61-079-27	61-080-27
.375	9.53	.625	15.88	.125	3.18	61-078-30	61-079-30	61-080-30
.500	12.70	.750	19.05	.125	3.18	61-078-32	61-079-32	61-080-32



HELIXMARK® CLOSE TOLERANCE TUBING

HelixMark close tolerance silicone tubing maintains particularly tight tolerances with regard to inner diameter and wall thickness and is subjected to stringent quality assurance measures in production. This ensures increased dosing precision in demanding applications. The tubing is individually packaged in pre-cut lengths of 50 feet.

Values listed are typical.
Typical hardness: 50 Shore A.
50 foot coils (~15 m).
Double bagged.* Material certification and lot traceability included.

IN ACCORDANCE WITH
ISO: ISO 10993-1
FDA: FDA 21CFR 177-2600
USP: USP-CLASS VI
EP: EP 3.1.9
(EP): EP 3.1.9 without appearance of solution

* Individual measured values may differ from mean values. These values are not to be considered as product specifications. Non-implantable, non-sterile.

INSIDE DIAMETER		OUTSIDE DIAMETER		WALL THICKNESS	ISO, FDA, USP, EP
inch	mm	inch	mm	bar	REF
.125	3.18	.250	6.35	1.59	60-111-21
.188	4.76	.313	7.95	1.60	60-111-22
.250	6.35	.375	9.53	1.59	60-111-24
.250	6.35	.438	11.13	2.39	60-111-25
.375	9.53	.563	14.29	2.38	60-111-29
.375	9.53	.625	15.88	3.18	60-111-30
.500	12.70	.688	17.48	2.39	60-111-31
.500	12.70	.750	19.05	3.18	60-111-32
.625	15.88	.875	22.23	3.18	60-111-33