

## Peristaltic Pump Tubing



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#### Superior Pumping Performance

HelixMark peristaltic pump tubing, manufactured with Wacker Silicones material, meets the strength and durability requirements normally associated with peroxide-cured tubing. Peristaltic pump tubing undergoes Helix's Special Stabilization Process, providing the additional benefits of superior strength, performance and longer life. Our tubing offers proven longer wear and volumetric consistency over 8, 12, and 24 hour process runs and is the most reliable and consistent platinum-cured silicone tubing available today for pumping applications. Typical hardness: 59 Shore A

#### PUMPING CONSIDERATIONS AND PRECAUTIONS

In pumping procedures, particularly those involving extracorporeal circuitry using a roller head, these items should be considered:

1. Under certain conditions, microscopic particles (spallation) can be generated with any pump head tubing. In-line filtration is highly recommended; if not feasible, further safety & efficacy testing should be conducted.
2. Over-occlusive settings should be avoided. Adjust pump head rollers with the pump manufacturer's recommended procedure.
3. Care should be taken to avoid cuts or nicks.
4. Tubing should not be twisted when placed in the raceway of the pump.
5. Silicone fluid or silicone grease should not be used to lubricate silicone tubing as these may swell and weaken the tubing.
6. Routine maintenance is recommended for roller bearings. Tests have demonstrated that improperly maintained rollers can cause increased drag and spallation.

Caution: In roller pump applications, the use of nominal tolerance tubing is not recommended. If the total occlusive setting of the head exceeds the actual combined wall thickness of the tubing, close tolerance wall tubing is recommended. The information and data contained herein are based on information we believe reliable. You should thoroughly test any application and independently conclude satisfactory performance before use.

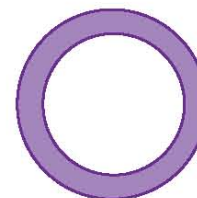
#### SPECIFICATIONS

- ISO 10993-1
- ▲ FDA 21CFR 177-2600
- USP Class VI

25 Foot Coils (7.62 meters) • Packaged double bagged in crush-resistant boxes • Material Certification and Lot Traceability included in every box.

INSIDE DIAMETER		OUTSIDE DIAMETER		WALL		Fits Pump Tube Size	
inch	mm	inch	mm	inch	mm		ref number
.020	0.51	.146	3.71	.063	1.60	#112	60-825-15
.031	0.79	.157	3.99	.063	1.60	#13	60-825-23
.039	0.99	.063	1.60	.012	0.31		60-825-27
.059	1.50	.099	2.52	.020	0.51		60-825-37
.063	1.60	.189	4.80	.063	1.60	#14	60-825-43
.063	1.60	.251	6.38	.094	2.39	#119	60-825-45
.079	2.01	.119	3.02	.020	0.51		60-825-51
.099	2.52	.139	3.53	.020	0.51		60-825-63
.118	3.00	.158	4.01	.020	0.51		60-825-70
.125	3.18	.251	6.38	.063	1.60	#16	60-825-79
.125	3.18	.313	7.95	.094	2.39	#120	60-825-82
.158	4.01	.214	5.44	.028	0.71		60-825-93
.188	4.78	.314	7.98	.063	1.60	#25	60-825-104
.188	4.78	.376	9.55	.094	2.39	#15	60-825-108
.188	4.78	.388	9.86	.100	2.54	#15TW	60-825-110
.188	4.78	.438	11.13	.125	3.18	#123	60-825-112
.250	6.35	.376	9.55	.063	1.60	#17	60-825-130
.250	6.35	.438	11.13	.094	2.39	#24	60-825-133
.250	6.35	.450	11.43	.100	2.54	#24TW	60-825-136
.250	6.35	.500	12.70	.125	3.18	#26	60-825-139
.250	6.35	.520	13.21	.135	3.43	#26TW	60-825-141
.313	7.95	.439	11.15	.063	1.60	#18	60-825-160
.313	7.95	.501	12.73	.094	2.39	#35/121	60-825-163
.313	7.95	.629	15.98	.158	4.01	#185	60-825-166
.375	9.53	.563	14.3	.094	2.39	#36/122	60-825-191
.375	9.53	.625	15.88	.125	3.18	#73	60-825-194
.375	9.53	.645	16.38	.135	3.43	#73TW	60-825-197
.375	9.53	.749	19.03	.187	4.75	#70/190	60-825-200
.473	12.01	.789	20.03	.158	4.01	#186	60-825-230
.500	12.70	.750	19.05	.125	3.18	#82	60-825-243
.500	12.70	.770	19.56	.135	3.43	#82TW	60-825-245
.500	12.70	.874	22.20	.187	4.75	#88	60-825-248
.625	15.88	.875	22.23	.125	3.18	#184	60-825-262
.625	15.88	.999	25.38	.187	4.75	#189	60-825-270
.630	16.00	.946	24.03	.158	4.01	#187	60-825-288
.750	19.05	1.124	28.55	.187	4.75	#191	60-825-310
1.000	25.40	1.374	34.90	.187	4.75	#92	60-825-420
1.000	25.40	1.400	35.56	.200	5.08	#92TW	60-825-428

#### PERISTALTIC PUMP TUBING RANGE SIZE INDICATOR



Largest Size:  
.750 ID X 1.0 OD



Smallest Size:  
.020 ID X .146 OD

Values listed are typical. Please contact customer service for tolerances and custom size requests.

TW = Thick Wall (variance between competition pump numbers)