

Biopharma Fluid Handling Portfolio

Silicone Tubing

Thermoplastic Elastomer Tubing

Braided Silicone Tubing

About RAUMEDIC

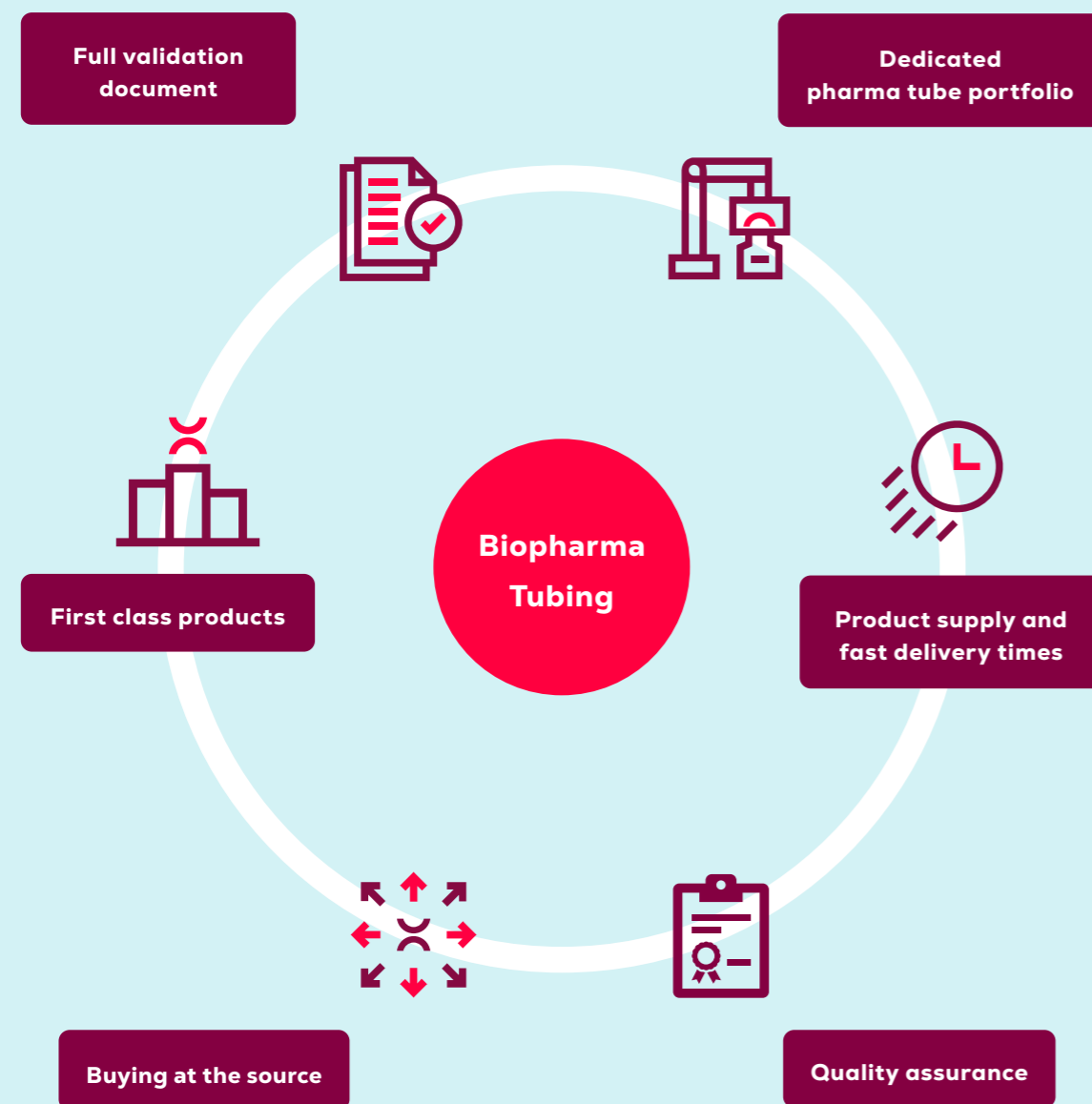
As a partner of the international medical technology and pharmaceutical industry, RAUMEDIC develops and produces customized components for customers, including tubing, catheters, and molded parts as well as complex groups of components and systems for a wide range of diagnostic and therapeutic uses. For the clinical areas of neuro-monitoring and traumatology, RAUMEDIC produces high-precision pressure-measurement sensors. The company is 100 percent family-owned.

The information in this document is subject to change without notice and should not be construed as a commitment by RAUMEDIC AG.

Introduction



RAUMEDIC biopharma tubings offer significant advantages



Our company

For us the issue of the customer's approval is the proof of the functional efficiency respectively of the fitness of our articles, which the customer determined for the specification application within the scope of testing. The obligated quality of goods has to conform to the expressly stipulated performance features in written form only (e.g. specifications, Technical Delivery Specification, drawings, markings and other data). We only assume a warranty exceeding this stipulation of obligated quality for a specific application or a specific fitness, period of application or life period after passing of risk, if this is expressly stipulated in written form; otherwise the risk of application and fitness is solely with the purchaser.

RAUMEDIC products and medical devices manufactured from these may not be sold or used in applications in the human body lasting more than 30 days. Other guarantees are not assumed by RAUMEDIC.

Approval becomes effective upon return of the duly signed Technical Delivery Specification / drawing and upon submittal of production order or release of our sample.

The information in this portfolio is confidential under the terms of the existing cooperation agreement. This document is valid until revoked or until new information is provided.

If you require further information, please contact your responsible sales contact.

Disclaimer

Silicone Tubing

Tubing dimensions, type and part numbers overview

Dimension ID x OD	Tolerances		Coil length [m]	Printed / non-printed	Article code
	Inner diameter [mm]	Wall thickness [mm]			
1/16" x 3/16" 1,6 mm x 4,8 mm	1,45 - 1,75	1,45 - 1,75	15	non-printed	818832-323
			15	printed	818832-324
			100	non-printed	818832-800
			100	printed	818832-801
1/8" x 1/4" 3,2 mm x 6,4 mm	3,00 - 3,40	1,40 - 1,80	15	non-printed	818834-323
			15	printed	818834-324
			100	non-printed	818834-800
			100	printed	818834-801
1/4" x 3/8" 6,4 mm x 9,5 mm	6,10 - 6,70	1,40 - 1,80	15	non-printed	818835-323
			15	printed	818835-324
			50	non-printed	818835-800
			50	printed	818835-801
1/4" x 7/16" 6,4 mm x 11,1 mm	6,10 - 6,70	2,10 - 2,70	15	non-printed	818841-323
			15	printed	818841-324
			50	non-printed	818841-800
			50	printed	818841-801
5/16" x 1/2" 7,9 mm x 12,7 mm	7,62 - 7,92	2,20 - 2,60	15	non-printed	818035-323
			15	printed	818035-324
			30	non-printed	818035-800
			30	printed	818035-801
3/8" x 5/8" 9,5 mm x 15,9 mm	9,40 - 9,80	2,90 - 3,30	15	non-printed	818842-323
			15	printed	818842-324
			25	non-printed	818842-800
			25	printed	818842-801
1/2" x 3/4" 12,7 mm x 19,1 mm	12,50 - 13,50	2,70 - 3,30	15	non-printed	818844-323
			15	printed	818844-324
			25	non-printed	818844-800
			25	printed	818844-801
3/4" x 1" 19,1 mm x 25,4 mm	18,50 - 19,70	2,85 - 3,45	15	non-printed	818839-323
			15	non-printed	818839-800
			15	printed	818839-801
3/4" x 1 1/8" 19,1 mm x 28,6 mm	18,50 - 19,70	4,45 - 5,05	15	non-printed	818840-323
			15	non-printed	818840-800
			15	printed	818840-801
1" x 1 3/8" 25,4 mm x 34,9 mm	24,60 - 26,20	4,40 - 5,20	10	non-printed	818846-323
			10	non-printed	818846-800
			10	printed	818846-801

Thermoplastic Elastomer Tubing

Tubing dimensions, type and part numbers overview

Dimension ID x OD	Tolerances		Color stripe	Coil length [m]	Printed / non-printed	Article code
	Inner diameter [mm]	Wall thick- ness [mm]				
1/8" x 1/4" 3,2 mm x 6,4 mm	3,10 - 3,30	1,50 - 1,70	Yellow	200	non-printed	062016-800
					printed	062016-801
1/4" x 3/8" 6,4 mm x 9,5 mm	6,25 - 6,55	1,50 - 1,70	Orange	125	non-printed	062017-800
					printed	062017-801
1/4" x 7/16" 6,4 mm x 11,1 mm	6,25 - 6,55	2,25 - 2,45	Red	100	non-printed	062018-800
					printed	062018-801
3/8" x 5/8" 9,5 mm x 15,9 mm	9,35 - 9,65	3,05 - 3,35	White	15	non-printed	062019-022
				15	printed	062019-024
				50	printed	062019-801
1/2" x 3/4" 12,7 mm x 19,1 mm	12,40 - 12,80	3,05 - 3,35	Grey	15	non-printed	062020-022
				15	printed	062020-024
				30	printed	062020-801
3/4" x 1" 19,1 mm x 25,4 mm	18,75 - 19,25	3,05 - 3,35	Blue	15	non-printed	062021-022
				15	printed	062021-024
				20	printed	062021-801
3/4" x 1 1/8" 19,1 mm x 28,6 mm	18,75 - 19,25	4,55 - 5,05	Black	15	non-printed	062022-022
				15	printed	062022-024
				20	printed	062022-801

Braided Silicone Tubing

Tubing dimensions, type and part numbers overview

Dimension ID x OD	Tolerances		Coil length [m]	Printed / non-printed	Article code
	Inner diameter [mm]	Wall thickness [mm]			
1/8" x 0,355" 3,2 mm x 9,0 mm	2,70 - 3,2	2,70 - 3,2	25	printed	807710-800
1/4" x 1/2" 6,4 mm x 12,7 mm	5,85 - 6,45	2,90 - 3,50	15	printed	807711-800
3/8" x 5/8" 9,5 mm x 15,9 mm	9,05 - 9,75	2,90 - 3,50	15	printed	807712-800
1/2" x 7/8" 12,7 mm x 22,2 mm	12,20 - 13,00	4,30 - 5,10	15	printed	807713-800
3/4" x 1-1/8" 19,1 mm x 28,6 mm	18,30 - 19,50	4,30 - 5,30	10	printed	807714-800
1" x 1-3/8" 25,4 mm x 34,9 mm	24,70 - 26,10	4,30 - 5,30	7,5	printed	807715-800



Quality Requirements

Manufacturing takes place in a controlled environment in a clean room certified in accordance with DIN EN ISO 14644-1, Class 7 (= 10,000) and Grade C in accordance with the EC GMP Directive.

RAUMEDIC also employs a quality management system based on DIN EN ISO 13485 and can guarantee consistently high product quality as a result.

In addition, RAUMEDIC is certified in accordance with the primary packaging standard ISO 15378. ISO 15378 includes a number of supplemental requirements that apply in particular to primary packaging that comes in direct contact with pharmaceuticals.

All processes and materials used by RAUMEDIC are validated and qualified article-specifically within the framework of development, so that our customers, with regard to product registration in accordance with MDR (Medical Device Regulation EU 2017/745) using RAUMEDIC articles, can access corresponding information and documents within the framework of the joint contractual agreements. A detailed agreement on the scope of qualification and validation with the customer is required. Additional costs may be incurred.



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