

Tubing Types which Longer Company Can Provide

Domestic silicone tubing

■ Platinum-cured silicone tubing: Ultra-smooth inner liner with extremely low leachables, good flexibility, translucent and wide temperature range of -60 to 238°C.

Imported tubing

Tygon®, PharMed®BPT, Viton®, Fluran®, Norprene®, etc.

Note: 1. Specific types of above tubing refer to "Peristaltic Pump Configuration Table".

2. Please contact Longer Company to know all the specification of above tubing.

Tubing Specifications:

Micro & small flow tubing

Tubing Sizes		0.13×0.86	0.5×0.86	0.86×0.86	1.52×0.86	2.06×0.86	2.4×0.86	2.79×0.86	3.17×0.86	1×1	2×1	3×1
Tubing cross sections (1:1)												
Wall thickness (mm)		0.86								1.0		
Inner diameter (mm)		0.13	0.5	0.86	1.52	2.06	2.4	2.79	3.17	1.0	2.0	3.0
Maximum pressure (Mpa)	Continuous	0.1										
	Intermittent	0.1										

Medium flow tubing

Tubing Sizes		13#	14#	19#	16#	25#	17#	18#	15#	24#	35#	36#
Tubing cross sections (1:1)												
Wall thickness of domestic tubing (mm)		1.6								2.4		
Wall thickness of imported tubing (inch)		1/16"								3/32"		
Inner diameter of domestic tubing (mm)		0.8	1.6	2.4	3.1	4.8	6.4	7.9	4.8	6.4	7.9	9.6
Inner diameter of imported tubing (inch)		1/32"	1/16"	3/32"	1/8"	3/16"	1/4"	5/16"	3/16"	1/4"	5/16"	3/8"
Maximum pressure (Mpa)	Continuous	0.17				0.14	0.10	0.07	0.17		0.14	
	Intermittent	0.27				0.24	0.14	0.10	0.27		0.24	

Industrial tubing

Tubing Sizes		73#	82#	86#	90#	88#	92#
Tubing cross sections (1:1)							
Wall thickness of domestic tubing (mm)		3.3			6.3	4.8	
Wall thickness of imported tubing (inch)		1/8"			1/4"	3/16"	
Inner diameter of domestic tubing (mm)		9.6	12.7	9.6	19	12.7	25.4
Inner diameter of imported tubing (inch)		3/8"	1/2"	3/8"	3/4"	1/2"	1"
Maximum pressure (Mpa)	Continuous	0.17	0.07	0.14			
	Intermittent	0.27	0.14	0.14			