

Peristaltic Pump Tubing

Common Tubing Material

Silicone tubing: Ultra-smooth inner liner with extremely low leachables, low protein adsorption, good flexibility and wide temperature range -51 to 238°C.

Various materials tubings are available.

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										

TUBING

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			