

Tube Series

Pump Tube Performance Parameters					
Pictures					
Tube Material	Platinum-cured silicone tube	BPT tube	A - 60 - F tube	A - 60 - G tube	Viton Fluorine tube
Hardness	Shore 50A - 60A	Shore 55A - 70A	Shore 55A - 70A	Shore 55A - 70A	Shore 55A - 65A
Temperature resistance	-60°C~200°C	-50°C~135°C	-60°C~140°C	-60°C~140°C	-30°C~200°C
Tube Material	Can be sterilized by ethylene oxide, high - temperature and high - pressure, or gamma ray	Can be repeatedly sterilized by high temperature and high pressure			
Peristaltic pump extrusion life	≥200hours	≥1000hours			≥500hours
Certifications	Food-grade SGS, Medical-grade FDA, USP Class VI, RoHS,NSF,REACH	FDA, REACH, NSF,RoHS, USP Class VI	NSF,REACH, RoHS,FDA	REACH,RoHS	FDA,REACH, RoHS
Features	Food and pharmaceutical grade, highly transparent, non - toxic and odorless, resistant to ultraviolet, ozone, and most chemicals, with low surface friction, low extraction, and high resilience	Excellent acid, alkali and oxidation resistance, good flexibility, easy to clean and disinfect, suitable for opaque and light - sensitive fluids	Resistant to ozone and ultraviolet, good oxidation resistance for various food and detergent, can be used in high - temperature environments	Excellent acid and alkali resistance, abrasion - resistant, good bending fatigue resistance, better gas tightness than silicone rubber tubes	Strong corrosion resistance, food - contact safety, black color blocks UV, low gas permeability
Typical Applications	Peristaltic pump tubes / GMP pharmaceutical manufacturing, vaccine reagent filling, medical treatment, biotechnology, fine chemicals, environmental protection, food processing, laboratories, coating printing, industrial production, daily - use applications	Peristaltic pump tubes / Sensitive cell culture, fermentation synthesis, separation, purification, laboratory, medical treatment, pharmaceutical manufacturing, food industry, etc		Peristaltic pump tubes / Connecting tubes, can be used for a long time in industrial applications with chemical cleaning agents	Peristaltic pumps, medical equipment, gas transmission pipelines, laboratories, 3D printers, semiconductor industry, chemical engineering, dyeing industry

Tube Size Table				
Tube Section Schematic Diagram (Scale 1:1)	Tube Number	Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)
	0.5*1.5	0.5	1.5	0.5
	1*2	1	2	
	1.5*2.5	1.5	2.5	
	1*3	1	3	1.0
	2*4	2	4	
	3*5	3	5	
	4*6	4	6	
	14#	1.6	4.8	1.6
	19#	2.4	5.6	
	16#	3.2	6.4	
	25#	4.8	8	
	17#	6.4	9.6	
	18#	7.9	11.1	2.4
	24#	6.4	11.2	
	35#	7.9	12.7	
	36#	9.6	14.4	