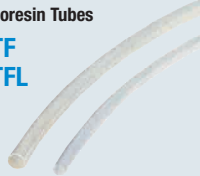


Tubes

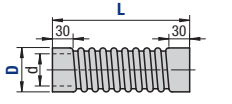
Antistatic / Polyolefin / Fluororesin / Flexible Fluororesin / Soft Fluororesin

Antistatic Tubes PUAS PUASL  Material: Conductive Polyurethane	Part Number		Standard Length (m)	Configurable Length (0.5 m Increment)	Inner Diameter (mm)	Min. Bending Radius (mm)	Outer Dia. Accuracy (mm)	Mass (kg/m)
	Type	Outer Dia. (mm)	PUAS	PUASL				
	PUAS Standard Length	4	10	0.5-9.5 10.5-19.5	2.5	10	±0.1	0.009
		6	10		4	15		0.019
		8	10		5	20		0.037
	PUASL Configurable Length	10	10		6.5	25	+0.1 -0.15	0.055
		12	10		8	30		0.076
			20					
			20					

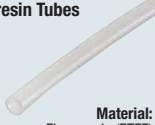
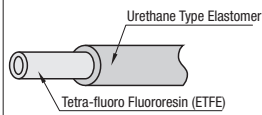
Polyolefin Tubes PORF PORFL  Material: Polyolefin Resin	Part Number		Standard Length (m)	Configurable Length (0.5 m Increment)	Inner Diameter (mm)	Min. Bending Radius (mm)	Outer Dia. Accuracy (mm)	Mass (kg/m)
	Type	Outer Dia. (mm)	PORF	PORFL				
	PORF Standard Length	4	10	0.5-9.5 10.5-19.5	2.5	8	±0.1	0.0069
			20		4	14		0.0141
		6	10		5	20		0.0276
	PORFL Configurable Length	8	10		6.5	25		0.0408
		10	10		8.0	30		0.0565
		12	10					
			100					
			100					

Fluororesin Tubes PUTF PUTFL  Material: Fluororesin (PFA)	Part Number		Standard Length (m)	Configurable Length (0.5 m Increment)	Inner Diameter (mm)	Min. Bending Radius (mm)	Outer Dia. Accuracy (mm)	Max. Operating Pressure (MPa)	Burst Pressure (MPa)	Mass (kg/m)
	Type	Outer Dia. (mm)	PUTF	PUTFL						
	PUTF Standard Length	3.2	10	0.5-9.5 10.5-19.5	1.6	32	±0.1	1.1	4.5	0.013
		4	20		2	30		2.5	10	0.020
		6	10		4	50		1.7	7	0.034
	PUTFL Configurable Length	8	10		6	80	+0.1 -0.15	1.1	4	0.047
		10	20		8	120		0.8	3	0.061
		12	10		10	200		0.7	3	0.074
			20							
			20							

ⓘ Maximum operating pressure and burst pressure shown are values at ambient temperature.

Flexible Fluororesin Tube PUFN  RoHS10 Material: Fluororesin (PFA) 	Part Number		L (mm)	Inner Diameter d (mm)	Min. Bending Radius (mm)	Outer Dia. Accuracy (mm)	Max. Operating Pressure (MPa)	Burst Pressure (MPa)	Mass (kg/m)
	Type	Outer Dia. D (mm)	PUFN						
	PUFN Standard Length	6	300	4	10	±0.1	1.7	7	0.034
			500						
			1000						
	PUFN Configurable Length	8	300	6	10		1.1	4.5	0.047
			500						
			1000						
	PUFN Configurable Length	10	300	8	15		0.8	3.5	0.061
			500						
			1000						

- ⓘ Minimum bending radius shown is based on static state. When tubing in the dynamic state, rough standard is the value of three times higher than that of static.
- ⓘ Outer diameter accuracy is the value of straight parts at both ends.
- ⓘ Maximum operating pressure and burst pressure shown are values at ambient temperature.

Soft Fluororesin Tubes PUJTF PUJTL  RoHS10 Material: Fluororesin (ETFE) 	Part Number		Standard Length (m)	Configurable Length (0.5 m Increment)	Inner Diameter (mm)	Min. Bending Radius (mm)	Outer Dia. Accuracy (mm)	Operating Pressure Mpa	
	Type	Outer Dia. (mm)	PUJTF	PUJTL				at 20°C	at 80°C
	PUJTF Standard Length	4	10	0.5-20	2	12	±0.1	0-0.6	0-0.2
		6	20		4	24			
			10		6	36			
	PUJTL Configurable Length	9	10		8	48			
		12	20						
			20						

Features: The laminated structure realizes better flexibility than conventional fluororesin tubes (PUTF / PUTFL) and increases workability.

	Part Number Example	Part Number	-	Length
		PUTF4	-	10
		PUFN6	-	1000

Tubes / Tube Insert

Fluoro Rubber / Silicon / Spiral

Fluoro Rubber Tube – Transparent Type PUTFB PUTFBL  RoHS10 Material: Fluoro Rubber	Part Number		Standard Length (m)	Configurable Length (0.5 m Inc.)	Inner Diameter (mm)	Outer Dia. Accuracy (mm)	Max. Operating Pressure (MPa)	Burst Pressure (MPa)	Mass (kg/m)
	Type	Outer Dia. (mm)	PUTFB	PUTFBL					
	PUTFB Standard Length	4	10	0.5-20	2	±0.15	0.248	0.993	0.018
		6	10		4		0.149	0.594	0.030
			20		6		0.09	0.360	0.042
	PUTFBL Configurable Length	8	10		8		0.049	0.195	0.053
		10	20						
			20						

Feature: Excellent in transparency and chemical resistance.

Fluoro Rubber Tube – Heat Resistant Type PUTFG PUTFGL  RoHS10 Material: Fluoro Rubber	Part Number		Standard Length (m)	Configurable Length (0.5 m Inc.)	Inner Diameter (mm)	Min. Bending Radius (mm)	Outer Dia. Accuracy (mm)	Max. Operating Pressure (MPa)	Burst Pressure (MPa)	Mass (kg/m)
	Type	Outer Dia. (mm)	PUTFG	PUTFGL						
	PUTFG Standard Length	4	10	0.5-20	2	—	±0.15	—	—	0.019
		6	10		4	20		—	—	0.031
			20		6	25		0.088	0.35	0.044
	PUTFGL Configurable Length	8	10		8	35	±0.2	—	—	0.080
		10	20							
			20							

Feature: Excellent in heat resistance (-200°C), oil resistance, ozone resistance, and chemical resistance.

Silicon Tube PUTC PUTCL  RoHS10 Material: Silicon Rubber	Part Number		Standard Length (m)	Configurable Length (0.5 m Increment)	Inner Diameter (mm)	Min. Bending Radius (mm)	Mass (kg/m)
	Type	Outer Dia. (mm)	PUTC	PUTCL			
	PUTC Standard Length	4	10	0.5-20	2	10	0.011
		6	10		4	20	0.018
			20		6	45	0.025
	PUTCL Configurable Length	8	10		8	70	0.033
		10	20		9	65	0.058
		12	10				
			20				

	Part Number Example	Part Number	-	Length
		PUTFB4	-	10
		PUTCL4	-	3.5

Spiral Tube PUSP  RoHS10 Material: Soft Polyethylene (White) 	Part Number		Operating Binding Dia. D	*Length (m)
	Type	No.		
	PUSP	4	4-8	100
		9	9-18	50
		20	20-40	25

Part Number		Operating Binding Dia. D	*Length (m)
Type	No.		
PUSP	4	4-8	100
	9	9-18	50
	20	20-40	25

*The length is with nothing inserted inside the spiral tube.

Soft Tube Insert PUIT PACK-PUSIT  RoHS10 	Part Number		Standard Length (m)	Configurable Length (0.5 m Increment)	Inner Diameter (mm)	Min. Bending Radius (mm)	Outer Dia. Accuracy (mm)	Operating Pressure Mpa	
	Type	Outer Dia. (mm)	PUIT	PACK-PUSIT				at 20°C	at 80°C
	PUIT Standard Length	4	10	0.5-20	2	12	±0.1	0-0.6	0-0.2
		6	20		4	24			
			10		6	36			
	PUIT Configurable Length	9	10		8	48			
		12	20						
			20						

Part Number		Applicable Tube Inner Diameter (mm)	D	d	D ₁	L	PUIT		PACK-PUSIT	
Type	App. Tube Outer Dia. (mm)						1-9	10-30	1-2	3-10
PUIT PACK-PUSIT	4	2.5	2.5	2.1	2.8	18	•	•	•	•
	6	4	4.0	3.6	4.5	18.5	•	•	•	•
	8	5	5.0	4.6	5.5	20	•	•	•	•
	10	6.5	6.5	6.1	7.0	22	•	•	•	•

Features: Prevents shrinkage of tube from inside. Insert from the connecting part of soft tubes.
10 pcs. per pack for PACK-PUSIT

	Part Number Example	Part Number	
		PUIT4	

Check out misumiusa.com for the most current pricing and lead time.