

Tubes

Water Resistant Polyurethane Tubes

PUT
PUTL



Material: Polyurethane RoHS

Part Number	Standard Length (m)	Configurable Length (0.5m Increment)	Tube Color	I.D. (mm)	Min. Bending Radius (mm)	O.D. Accuracy (mm)	Mass (kg/m)	Standard		Configurable Length	
								Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUT (Standard Length)	3.2	10	B (Black) C (Transparent)	1.8	7	±0.1	0.0064	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20									
	4	10		2.5	5		0.009				
		20									
	6	10		4	12		0.019				
		20									
8	10	5	15	0.037							
	20										
PUTL (Configurable Length)	10	10	B (Black) C (Transparent) W (White) R (Red) Y (Yellow) BL (Blue) G (Green) CB (Transparent Blue)	6.5	25	±0.1	0.055	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20									
	12	10		8	28		0.076				
		20									
	16	10		11	30		0.127				
		20									

Soft Polyurethane Tubes

PUTY
PUTYL



Material: Soft Polyurethane RoHS

Part Number	Standard Length (m)	Configurable Length (0.5m Increment)	Tube Color	I.D. (mm)	Min. Bending Radius (mm)	O.D. Accuracy (mm)	Mass (kg/m)	Standard		Configurable Length	
								Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUTY (Standard Length)	4	10	B (Black)	2.5	17	+0.05	0.009	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20									
		20									
PUTYL (Configurable Length)	6	10	C (Transparent)	4	28	-0.2	0.019	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20									
		20									
PUTYL (Configurable Length)	8	10	5	36	-0.2	0.037	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20									
		20									
PUTYL (Configurable Length)	10	10	6.5	45	-0.2	0.055	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20									
		20									

Use Inserts for Soft Tubes on (P.1298) when connecting these tubes to One-Touch Couplings.

Nylon Tubes

PUTN
PUTNL



Material: Nylon (Polyamide) RoHS

Part Number	Standard Length (m)	Configurable Length (0.5m Increment)	Tube Color	I.D. (mm)	Min. Bending Radius (mm)	O.D. Accuracy (mm)	Burst Pressure (MPa)	Normal Pressure (MPa)	Mass (kg/m)	Standard		Configurable Length	
										Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUTN (Standard Length)	3.2	10	B (Black)	2	7	±0.05	5.4	1.8	0.0052	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20											
		20											
PUTNL (Configurable Length)	4	10	W (White)	2.5	10	±0.05	6.0	2.0	0.008	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20											
		20											
PUTNL (Configurable Length)	6	10	4	20	±0.05	5.1	1.7	0.017	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20											
		20											
PUTNL (Configurable Length)	8	10	6.0	30	±0.05	3.9	1.3	0.026	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20											
		20											
PUTNL (Configurable Length)	10	10	7.5	40	±0.05	3.6	1.2	0.040	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20											
		20											
PUTNL (Configurable Length)	12	10	9.0	55	±0.05	3.6	1.2	0.053	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20											
		20											

Pressure Resistant Nylon Tubes

PUTHP
PUTHPL



Material: Nylon (Polyamide) RoHS

Part Number	Standard Length (m)	Configurable Length (0.5m Increment)	Tube Color	I.D. (mm)	Min. Bending Radius (mm)	O.D. Accuracy (mm)	Burst Pressure (MPa)	Normal Pressure (MPa)	Mass (kg/m)	Standard		Configurable Length	
										Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUTHP (Standard Length)	4	10	B (Black)	2.5	15	±0.05	8.8	2.9	0.008	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20											
		20											
PUTHP (Standard Length)	6	10	4	25	±0.05	7.7	2.6	0.017	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20											
		20											
PUTHPL (Configurable Length)	8	10	6	35	±0.05	5.5	1.8	0.023	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20											
		20											
PUTHPL (Configurable Length)	10	10	8	50	±0.05	5.1	1.7	0.029	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20											
		20											
PUTHPL (Configurable Length)	12	10	9	55	±0.05	5.5	1.8	0.052	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20											
		20											
PUTHPL (Configurable Length)	16	10	12.8	100	±0.05	4.0	1.3	0.076	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20											
		20											

Soft Nylon Tubes

PUTNS
PUTNSL



Material: Nylon RoHS

Part Number	Standard Length (m)	Configurable Length (0.5m Increment)	Tube Color	I.D. (mm)	Min. Bending Radius (mm)	O.D. Accuracy (mm)	Mass (kg/m)	Standard		Configurable Length	
								Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUTNS (Standard Length)	4	10	W (White)	2.5	14	±0.1	0.009	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20									
		20									
PUTNSL (Configurable Length)	6	10	B (Black)	4	21	±0.1	0.017	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20									
		20									
PUTNSL (Configurable Length)	8	10	6	34	±0.1	0.023	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20									
		20									
PUTNSL (Configurable Length)	10	10	7.5	42	±0.1	0.036	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20									
		20									
PUTNSL (Configurable Length)	12	10	9	51	±0.1	0.052	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
		20									
		20									

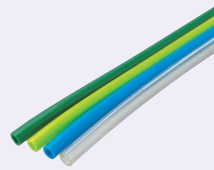
Ordering Example
 Part Number - Length - Color
 PUT4 - 10 - B
 PUTNL8 - 2.5 - W

Days to Ship [Configure Online](#)

Please note that stock products are cut to configured length, and thus, cancel / return of them cannot be accepted.

Flat Tubes

PUTMF
PUTMFL




Material: Polyurethane RoHS

Part Number	Standard Length (m)	Configurable Length (0.5m Increment)	I.D. (mm)	Min. Bending Radius (mm)	Mass (kg/m)	Standard		Configurable Length		
						Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate	
PUTMF (Standard Length)	4	20	2	15	0.022	1 pc.	2-4	1 pc.	2-4	
						0.044				
						0.038				
						0.057				
						0.076				
						0.074				
	PUTMFL (Configurable Length)	6	0.5-20	4	40	0.111	1-4 pc(s)	5-9	1-4 pc(s)	5-9
							0.148			
							0.11			
							0.165			
							0.22			
							0.22			
PUTMF (Standard Length)	8	20	2	25	0.055	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
						0.076				
						0.111				
						0.148				
						0.165				
						0.22				
PUTMFL (Configurable Length)	10	0.5-20	4	55	0.127	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
						0.165				
						0.22				
						0.22				
						0.304				
						0.304				

Color Matching: 2-Bore=Clear, Blue; 3-Bore=Clear, Blue, Light Green; 4-Bore=Clear, Blue, Light Green, Green

Water Resistant Polyurethane Spiral Tubes

PUTSP




Material: Polyurethane RoHS

Part Number	Standard Length (m)	Configurable Length (0.5m Increment)	Tube Color	I.D. (mm)	D (mm)	L (mm)	A (mm)	B (mm)	Min. Bending Radius (mm)	O.D. Accuracy (mm)	Mass (kg/m)	Standard		Configurable Length	
												Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUTSP	4	20	B (Black)	2	21	520	120	200	5	±0.1	0.009	1-4 pc(s)	5-9	1-4 pc(s)	5-9
												0.009			
												0.019			
												0.037			
												0.055			
												0.076			
	PUTSP	6	0.5-20	4	38	580	180	200	15	±0.1	0.019	1-4 pc(s)	5-9	1-4 pc(s)	5-9
												0.019			
												0.037			
												0.055			
												0.076			
												0.127			
PUTSP	8	0.5-20	5	42	640	240	200	25	±0.1	0.055	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
											0.055				
											0.076				
											0.127				
											0.165				
											0.22				
PUTSP	10	0.5-20	6.5	52	700	300	200	28	±0.1	0.076	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
											0.076				
											0.127				
											0.165				
											0.22				
											0.304				

Operating Limit Length is the overall length (L) of the tube when extended to a serviceable maximum.
 Minimum bending radius is based on operation of bending the straight parts at both ends.

Multi-Spiral Tubes

PUTMSP



Material: Polyurethane RoHS

Part Number	Standard Length (m)	Configurable Length (0.5m Increment)	Tube Color	I.D. (mm)	D (mm)	L (mm)	A (mm)	B (mm)	Min. Bending Radius (mm)	O.D. Accuracy (mm)	Mass (kg/m)	Standard		Configurable Length	
												Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUTMSP	4	20	B (Black)	2	15	520	120	200	5	±0.1	0.009	1-4 pc(s)	5-9	1-4 pc(s)	5-9
												0.009			
												0.019			
												0.037			
												0.055			
												0.076			
	PUTMSP	6	0.5-20	4	38	580	180	200	15	±0.1	0.019	1-4 pc(s)	5-9	1-4 pc(s)	5-9
												0.019			
												0.037			
												0.055			
												0.076			
												0.127			
PUTMSP	8	0.5-20	5	42	640	240	200	25	±0.1	0.055	1-4 pc(s)	5-9	1-4 pc(s)	5-9	
											0.055				
											0.076				
											0.127				
											0.165				
											0.22				
PUTMSP	10	0.5-20	6.5	52	700	300	200								