

Tubes



Part Number Type	O.D. (mm)	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	0.5-20	B (Black) C (Transparent)	1.8	7	±0.1	0.0064	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20										
		100										
	4	10			0.009							
		20										
		100										
	6	10	0.019									
		20										
		100										
	8	10	0.037									
		20										
		100										
10	10	0.055										
	20											
	100											
12	10	0.076										
	20											
	100											
16	10	0.127										
	20											
	100											



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									Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUTY (Standard Length)	4	10	0.5-20	B (Black)	2.5	17	+0.05	0.009	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20										
		100										
	6	10			0.019							
		20										
		100										
8	10	0.037										
	20											
	100											
10	10	0.055										
	20											
	100											

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



Part Number Type	O.D. (mm)	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	0.5-20	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												
		100												
	4	10			0.008									
		20												
		100												
6	10	0.017												
	20													
	100													
8	10	0.026												
	20													
	100													
10	10	0.040												
	20													
	100													
12	10	0.053												
	20													
	100													



Part Number Type	O.D. (mm)	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	0.5-20	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												
		100												
	6	10			0.017									
		20												
		100												
8	10	0.023												
	20													
	100													
10	10	0.029												
	20													
	100													
12	10	0.052												
	20													
	100													
16	10	0.076												
	20													
	100													

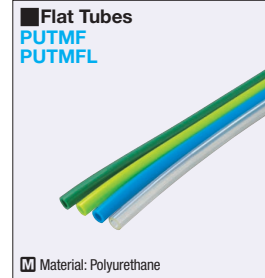


Part Number Type	O.D. (mm)	Standard Length (m)	Configurable Length (0.5m Increment)	Tube Color	I.D. (mm)	Min. Bending Radius (mm)	O.D. Accuracy (mm)	Mass (kg/m)	Standard		Configurable Length	
									Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUTNS (Standard Length)	4	10	0.5-20	W (White)	2.5	14	±0.1	0.009	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20										
		100										
	6	10			0.017							
		100										
PUTNSL (Configurable Length)	12	10	0.036									
		20										

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

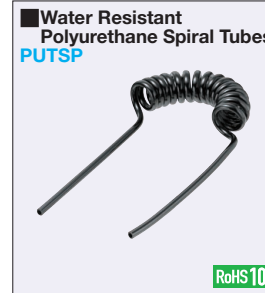
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Please note that stock products are cut to configured length, and thus, cancel / return of them cannot be accepted.



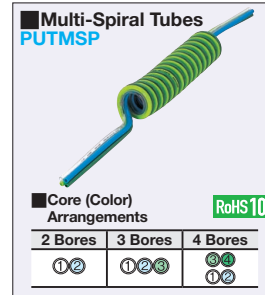
Part Number Type	O.D. (mm)	Number of Bores	Standard Length (m)	Configurable Length (0.5m Increment)	I.D. (mm)	Min. Bending Radius (mm)	Mass (kg/m)	Standard		Configurable Length	
								Unit Price	Volume Discount Rate	Unit Price/m	Volume Discount Rate
PUTMF (Standard Length)	4	2	20	0.5-20	2	15	0.022	1-4 pc(s)	5-9	1-4 pc(s)	5-9
								4			
		6						2	0.038		
										3	
										4	
	8	3						0.076			
									4		
									5		
	10	4						0.148			
									5		
									6		
12	5	0.22									
			6								
			8								

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



Part Number Type	O.D. (mm)	Nominal Length (mm)	Operating Limit Length (mm)	Tube Color	I.D. (mm)	Min. Bending Radius (mm)	D	L	A	B	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	700	2	B (Black)	2	21	520	120	5	±0.1	5	±0.1	0.009	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		1000															
		1300															
		850															
		1300															
		1750															
	6	1000	4	38	580	180	12	490	90	15	±0.1	0.019	0.009				
		1300															
		1750															
		1000															
		1600															
		2200															
8	1150	5	42	640	240	15	520	120	25	±0.1	0.037	0.037					
	1900																
	2550																
	1150																
	1900																
	2550																
10	1300	6.5	52	700	300	25	550	150	25	±0.1	0.055	0.055					
	1900																
	2550																
	1300																
	1900																
	2550																
12	2200	8	67	760	360	28	940	540	28	±0.15	0.076	0.076					
	3100																

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.



Part Number Type	O.D. (mm)	Number of Bores	Nominal Length (mm)	Operating Limit Length (mm)	Tube Color	I.D. (mm)	Min. Bending Radius (mm)	D	L	A	B	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	2	700	2	B (Black)	2	15	21	529	129	200	±0.1	±0.1	0.009	1-4 pc(s)	5-9	1-4 pc(s)	5-9							
			800																						
			700																						
		3	900												4	38	585	195	12	490	90	15	±0.1	0.019	0.019
			1100																						
			1333																						
	6	900	5	42	640	240	15	520	120	25	±0.1	0.037	0.037												
		1200																							
		1413																							
	8	1200	6.5	52	700	300	25	550	150	25	±0.1	0.055	0.055												
		1400																							
		1417																							
10	1600	8	67	760	360	28	940	540	28	±0.15	0.076	0.076													
	1400																								
	1417																								

Core (Color) Arrangements
 2 Bores: ① ②
 3 Bores: ① ② ③
 4 Bores: ① ② ③ ④

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.

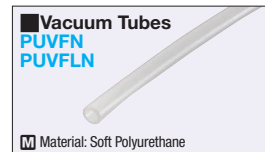


Part Number Type	O.D. (mm)	Nominal Length (mm)	Wire (mm)	L	Operating Limit Length (mm)	I.D. (mm)	Min. Bending Radius (mm)	A	B ₁	B ₂	G	H	Unit Price/m	Volume Discount Rate	Standard		Configurable Length										
															Unit Price/m	Volume Discount Rate	Unit Price/m	Volume Discount Rate									
PUTHSP	4	500	0.15	535	2	4	40	150	250	35	300	300	0.015	0.015	1-4 pc(s)	5-9	1-4 pc(s)	5-9									
		800																									
		900																									
		6													500	0.3	530	4	65	130	150	250	49	300	300	0.015	0.015
															700												
															800												
	8	600	0.3	580	5	90	180	150	250	66	300	300	0.015	0.015													
		900																									
		1200																									

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.
Feature:The tube can flex and follow the movements of liner slides, etc. Electrical wire can easily be inserted and removed from the slit on the side.



Part Number Type	O.D. (mm)	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
PUTS (Standard Length)	6	10	0.5-20	B (Black)	4	15	±0.1	0.019	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20										
		100										
	8	10			0.037							
		20										
		100										
PUTSL (Configurable Length)	10	10	0.055									
		20										
		100										
12	10	0.076										
	20											



Part Number Type	O.D. (mm)	Standard Length (m)	Configurable Length (0.5m Increment)	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
PUVFN (Standard Length)	4	10	0.5-20	2.5	12	±0.1	0.009	1-4 pc(s)	5-9	1-4 pc(s)	5-9
		20									
		100									
PUVFLN (Configurable Length)	6	10	0.018								
		20									
		100									

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

Ordering Example
Part Number - **Number of Bores** - **Length**
 PUTMF4 - 3 - 20
 PUTMSP6 - 4 - 900
Part Number - **Length** - **Color**
 PUTSL8 - 1.5 - R

Days to Ship **Configure Online**