

# Tubes

**Comparison points with similar parts** | We have not only tubes for air but also water resistant polyurethane tubes which can be used for water and other variety of products. We will ship a tube cut to the length you specify so that you can use it without any waste.

## Water Resistant Polyurethane Tubes



Material: Polyurethane

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 / m			
Type	O.D. (mm)	PUT	PUTL					1 - 4 pc(s)	5 - 10	1 - 4 pc(s)	5 - 10			
PUT (Standard Length)	3.2	10	0.5 - 9.5	B (Black) C (Transparent)	1.8	7	±0.1	0.0064						
		20												
	4	10			10.5 - 19.5	B (Black) C (Transparent) W (White) R (Red) Y (Yellow) BL (Blue) G (Green) CB (Transparent Blue)		2.5	5	±0.1	0.009			
		20												
		100												
		100												
6	10			4	12	±0.1	0.019							
	20													
8	10			5	15	±0.1	0.037							
	20													
PUTL (Configurable Length)	10	10			6.5	25	±0.1	0.055						
		20												
12	10			8	28	+0.1 -0.15	0.076							
	20													
16	10			11	30		0.127							
	20													

## Soft Polyurethane Tubes



Material: Soft Polyurethane

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 / m		
Type	O.D. (mm)	PUTY	PUTYL					1 - 4 pc(s)	5 - 10	1 - 4 pc(s)	5 - 10		
PUTY (Standard Length)	4	10	0.5 - 9.5	B (Black) C (Transparent)	2.5	17	+0.05 -0.2	0.009					
		20											
6	10	10.5 - 19.5				4		28	+0.05 -0.2	0.019			
	20												
	10												
	20												
8	10			5	36	+0.05 -0.2	0.037						
	20												
PUTYL (Configurable Length)	10	10			6.5	45	+0.05 -0.2	0.055					
		20											

Use Inserts for Soft Tubes on (P1390) when connecting these tubes to One-Touch Couplings.

## Nylon Tubes



Material: Nylon (Polyamide)

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 / m			
Type	O.D. (mm)	PUTN	PUTNL							1 - 4 pc(s)	5 - 10	1 - 4 pc(s)	5 - 10			
3.2	10	0.5 - 9.5	B (Black) W (White)	2	7	±0.05 -0.10	5.4	1.8	0.0052							
	20															
4	10			10.5 - 19.5			2.5	10	±0.05 -0.10	6.0	2.0	0.008				
	20															
	10															
	20															
6	10			4	20	±0.05 -0.10	5.1	1.7	0.017							
	20															
8	10			6.0	30	±0.05 -0.10	3.9	1.3	0.026							
	20															
PUTNL (Configurable Length)	10	10			7.5	40	±0.05 -0.10	3.6	1.2	0.040						
		20														
12	10			9.0	55	±0.05 -0.10	3.6	1.2	0.053							
	20															

## Pressure Resistant Nylon Tubes



Material: Nylon (Polyamide)

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 / m			
Type	O.D. (mm)	PUTHP	PUTHPL							1 - 4 pc(s)	5 - 10	1 - 4 pc(s)	5 - 10			
4	10	0.5 - 9.5	B (Black) W (White)	2.5	15	±0.05	8.8	2.9	0.008							
	20															
6	10			10.5 - 19.5			4	25	±0.05	7.7	2.6	0.017				
	20															
	10															
	20															
8	10			6	35	±0.05	5.5	1.8	0.023							
	20															
PUTHPL (Configurable Length)	10	10			8	50	±0.05	5.1	1.7	0.029						
		20														
12	10			9	55	±0.05	5.5	1.8	0.052							
	20															
16	10			12.8	100	+0.05 -0.15	4.0	1.3	0.076							
	20															

## Soft Nylon Tubes



Material: Nylon

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 / m			
Type	O.D. (mm)	PUTNS	PUTNSL					1 - 4 pc(s)	5 - 10	1 - 4 pc(s)	5 - 10			
4	10	0.5 - 9.5	W (White) B (Black)	2.5	9	±0.1	0.009							
	20													
6	10			10.5 - 19.5			4	14	±0.1	0.017				
	20													
	10													
	20													
8	10			6	25	±0.1	0.023							
	20													
PUTNSL (Configurable Length)	10	10			7.5	30	±0.1	0.036						
		20												
12	10			9	34	±0.1	0.052							
	20													

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