

# 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 10.5-19.5	B (Black) C (Transparent)	1.8	7	±0.1	0.0064				
	4	20			2.5	5			0.009			
	6	10		B (Black) C (Transparent)	4	12	0.019					
		20			W (White) R (Red) Y (Yellow) BL (Blue) G (Green) CB (Transparent Blue)	5	15	0.037				
PUTL (Configurable Length)	10	10		6.5		25	±0.1	0.055				
	20											
12	10	10		8	28	+0.1 -0.15	0.076					
	20											
16	10	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 10.5-19.5	B (Black)	2.5	17	+0.05 -0.2	0.009				
	6	20			4	28			0.019			
PUTYL (Configurable Length)	8	10		C (Transparent)	5	36	0.037					
	10	20			6.5	45	0.055					

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	
PUTN (Standard Length)	3.2	10	0.5- 9.5 10.5-19.5	B (Black)	2	7	±0.05 -0.10	5.4	1.8	0.0052				
	4	20			2.5	10		6.0	2.0	0.008				
	6	10		W (White)	4	20	5.1	1.7	0.017					
20	6.0	30			±0.05	3.9	1.3	0.026						
PUTNL (Configurable Length)				10					10	7.5	40	3.6	1.2	0.040
	20	9.0		55	3.6	1.2	0.053							

## 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	
PUTHP (Standard Length)	4	10	0.5- 9.5 10.5-19.5	B (Black)	2.5	15	±0.05	8.8	2.9	0.008				
	6	20			4	25		7.7	2.6	0.017				
	8	10		W (White)	6	35	5.5	1.8	0.023					
20	8	50			±0.05 -0.1	5.1	1.7	0.029						
PUTHPL (Configurable Length)				10					10	9	55	5.5	1.8	0.052
	20	12.8		100	+0.05 -0.15	4.0	1.3	0.076						

## 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	
PUTNS (Standard Length)	4	20	0.5- 9.5 10.5-19.5	W (White)	2.5	14	±0.1	0.009				
	6				21	0.017						
PUTNSL (Configurable Length)	8			6	34	7.5	42	0.036				
	10								9	51	0.052	

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