

# Bonded Straight Polyurethane Tubing



NITRA™ bonded polyurethane (PUR) tubing is made by continuously bonding standard NITRA polyurethane tubing. The result is a strong, organized, color-coded package that makes installation neater and easier. With its extremely tight outside diameter tolerance, NITRA polyurethane tubing is ideal for use with NITRA push-to-connect fittings.

## Features

- Inch and metric sizes available
- Contrasting colors
- Secondary bonding process maintains tubing geometry
- 50 foot package size
- Shore A 98 hardness
- Strong, flexible and kink resistant
- Made in USA

### Polyurethane 5/32 in. (4 mm) Bonded Tubing Specifications

<b>Outside Diameter (in.)</b>	0.156	<b>Working Pressure (psi) @ 70°F</b>	200	<b>Temp. Range</b>	-40°F to +160°F (-40°C to +71°C)
<b>Inside Diameter (in.)</b>	0.093	<b>Burst Pressure (psi)</b>	600	<b>Hardness</b>	Shore A 98
<b>Wall Thickness (in.)</b>	0.031	<b>Vacuum Rating</b>	To 28" Hg	<b>Bend Radius (in.)</b>	0.250
<b>Part Number</b>	<b>Price</b>	<b>Configuration</b>	<b>Color</b>	<b>PKG/Reel Length (feet)</b>	<b>PKG WT (lbs)</b>
<b>2PU532-50</b>	<--->	Bonded double tube	Black, clear blue	50 ft. Package	0.65
<b>3PU532-50</b>	<--->	Bonded triple tube	Black, clear blue, blue		1.00

### Polyurethane 1/4 in. Bonded Tubing Specifications

<b>Outside Diameter (in.)</b>	0.250	<b>Working Pressure (psi) @ 70°F</b>	180	<b>Temp. Range</b>	-40°F to +160°F (-40°C to +71°C)
<b>Inside Diameter (in.)</b>	0.156	<b>Burst Pressure (psi)</b>	540	<b>Hardness</b>	Shore A 98
<b>Wall Thickness (in.)</b>	0.047	<b>Vacuum Rating</b>	To 28" Hg	<b>Bend Radius (in.)</b>	0.476
<b>Part Number</b>	<b>Price</b>	<b>Configuration</b>	<b>Color</b>	<b>PKG/Reel Length (feet)</b>	<b>PKG WT (lbs)</b>
<b>2PU14-50</b>	<--->	Bonded double tube	Black, clear blue	50 ft. Package	1.55
<b>3PU14-50</b>	<--->	Bonded triple tube	Black, clear blue, blue		2.25

### Polyurethane 3/8 in. Bonded Tubing Specifications

<b>Outside Diameter (in.)</b>	0.375	<b>Working Pressure (psi) @ 70°F</b>	150	<b>Temp. Range</b>	-40°F to +160°F (-40°C to +71°C)
<b>Inside Diameter (in.)</b>	0.250	<b>Burst Pressure (psi)</b>	450	<b>Hardness</b>	Shore A 98
<b>Wall Thickness (in.)</b>	0.063	<b>Vacuum Rating</b>	To 28" Hg	<b>Bend Radius (in.)</b>	1.00
<b>Part Number</b>	<b>Price</b>	<b>Configuration</b>	<b>Color</b>	<b>PKG/Reel Length (feet)</b>	<b>PKG WT (lbs)</b>
<b>2PU38-50</b>	<--->	Bonded double tube	Black, clear blue	50 ft. Package	3.25
<b>3PU38-50</b>	<--->	Bonded triple tube	Black, clear blue, blue		5.15

### Polyurethane 1/2 in. Bonded Tubing Specifications

<b>Outside Diameter (in.)</b>	0.500	<b>Working Pressure (psi) @ 70°F</b>	150	<b>Temp. Range</b>	-40°F to +160°F (-40°C to +71°C)
<b>Inside Diameter (in.)</b>	0.328	<b>Burst Pressure (psi)</b>	450	<b>Hardness</b>	Shore A 98
<b>Wall Thickness (in.)</b>	0.086	<b>Vacuum Rating</b>	To 28" Hg	<b>Bend Radius (in.)</b>	1.102
<b>Part Number</b>	<b>Price</b>	<b>Configuration</b>	<b>Color</b>	<b>PKG/Reel Length (feet)</b>	<b>PKG WT (lbs)</b>
<b>2PU12-50</b>	<--->	Bonded double tube	Black, clear blue	50 ft. Package	6.00
<b>3PU12-50</b>	<--->	Bonded triple tube	Black, clear blue, blue		10.00

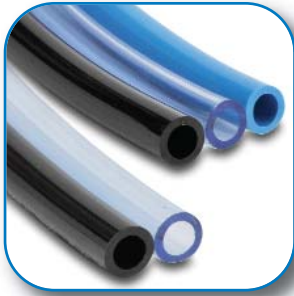
# Bonded Straight Polyurethane Tubing

Polyurethane 6 mm Bonded Tubing Specifications					
<b>Outside Diameter (mm)</b>	6.0	<b>Working Pressure (psi) @ 70° F</b>	180	<b>Temp. Range</b>	-40°F to +160°F (-40°C to +71°C)
<b>Inside Diameter (mm)</b>	4.0	<b>Burst Pressure (psi)</b>	540	<b>Hardness</b>	Shore A 98
<b>Wall Thickness (mm)</b>	1.0	<b>Vacuum Rating</b>	To 28" Hg	<b>Bend Radius (mm)</b>	12
<b>Part Number</b>	<b>Price</b>	<b>Configuration</b>	<b>Color</b>	<b>PKG/Reel Length (feet)</b>	<b>PKG WT (lbs)</b>
<b>2PU06M-50</b>	<--->	Bonded double tube	Black, clear blue	50 ft. Package	1.25
<b>3PU06M-50</b>	<--->	Bonded triple tube	Black, clear blue, blue		2.00

Polyurethane 8 mm Bonded Tubing Specifications					
<b>Outside Diameter (mm)</b>	8.0	<b>Working Pressure (psi) @ 70° F</b>	175	<b>Temp. Range</b>	-40°F to +160°F (-40°C to +71°C)
<b>Inside Diameter (mm)</b>	5.0	<b>Burst Pressure (psi)</b>	525	<b>Hardness</b>	Shore A 98
<b>Wall Thickness (mm)</b>	1.5	<b>Vacuum Rating</b>	To 28" Hg	<b>Bend Radius (mm)</b>	15
<b>Part Number</b>	<b>Price</b>	<b>Configuration</b>	<b>Color</b>	<b>PKG/Reel Length (feet)</b>	<b>PKG WT (lbs)</b>
<b>2PU08M-50</b>	<--->	Bonded double tube	Black, clear blue	50 ft. Package	2.50
<b>3PU08M-50</b>	<--->	Bonded triple tube	Black, clear blue, blue		3.80

Polyurethane 10 mm Bonded Tubing Specifications					
<b>Outside Diameter (mm)</b>	10.0	<b>Working Pressure (psi) @ 70° F</b>	150	<b>Temp. Range</b>	-40°F to +160°F (-40°C to +71°C)
<b>Inside Diameter (mm)</b>	6.5	<b>Burst Pressure (psi)</b>	450	<b>Hardness</b>	Shore A 98
<b>Wall Thickness (mm)</b>	1.75	<b>Vacuum Rating</b>	To 28" Hg	<b>Bend Radius (mm)</b>	25
<b>Part Number</b>	<b>Price</b>	<b>Configuration</b>	<b>Color</b>	<b>PKG/Reel Length (feet)</b>	<b>PKG WT (lbs)</b>
<b>2PU10M-50</b>	<--->	Bonded double tube	Black, clear blue	50 ft. Package	3.75
<b>3PU10M-50</b>	<--->	Bonded triple tube	Black, clear blue, blue		5.00

Polyurethane 12 mm Bonded Tubing Specifications					
<b>Outside Diameter (mm)</b>	12.0	<b>Working Pressure (psi) @ 70° F</b>	150	<b>Temp. Range</b>	-40°F to +160°F (-40°C to +71°C)
<b>Inside Diameter (mm)</b>	8.0	<b>Burst Pressure (psi)</b>	450	<b>Hardness</b>	Shore A 98
<b>Wall Thickness (mm)</b>	2.0	<b>Vacuum Rating</b>	To 28" Hg	<b>Bend Radius (mm)</b>	28
<b>Part Number</b>	<b>Price</b>	<b>Configuration</b>	<b>Color</b>	<b>PKG/Reel Length (feet)</b>	<b>PKG WT (lbs)</b>
<b>PU12M-50</b>	<--->	Bonded double tube	Black, clear blue	50 ft. Package	5.0
<b>PU12M-50</b>	<--->	Bonded triple tube	Black, clear blue, blue		7.5



## Bonded Straight Polyurethane Tubing

NITRA™ bonded polyurethane (PUR) tubing is made by continuously bonding standard NITRA polyurethane tubing. The result is a strong, organized, color-coded package that makes installation neater and easier. With its extremely tight outside diameter tolerance, NITRA polyurethane tubing is ideal for use with NITRA push-to-connect fittings.

### Features

- Inch and metric sizes available
- Contrasting colors
- Secondary bonding process maintains tubing geometry
- 50-foot package size
- Shore A 98 hardness
- Strong, flexible and kink resistant



## Polyurethane Coiled Tubing - Single and Bonded Multi-Tube

NITRA polyurethane (PUR) coiled tubing is made from our high quality standard polyurethane tubing. NITRA polyurethane tubing is strong, flexible, and offers superior kink resistance compared to other tubing. With its extremely tight outside diameter tolerance, NITRA polyurethane tubing is ideal for use with NITRA push-to-connect fittings. Coiled tubing is available in single, double and triple bonded configurations.

### Features

- Inch and metric sizes available
- Contrasting colors on double and triple coils
- Three working lengths for each size
- Shore A 98 hardness
- Strong, flexible and kink resistant



## Polyurethane Coiled Hose

NITRA polyurethane (PUR) hose is made from the same high quality materials as our tubing. Hoses have one rigid and one swivel fitting and are specified by inside diameter.

### Features

- 1/4" and 3/8" inside diameters
- 8, 12 and 16-foot working lengths
- Clear blue color
- Shore A 98 hardness
- Strong, flexible and kink resistant



## Reinforced Polyurethane Hose

NITRA reinforced polyurethane (PUR) hose features a sturdy nylon braid between the polyurethane inner and outer layers. Contamination of air systems caused by rubber hose breakdown is significantly reduced by using NITRA PUR hose. Hoses have one rigid and one swivel fitting and are specified by inside diameter.

### Features

- 1/4" and 3/8" inside diameters
- 25 and 50-foot package lengths available
- Clear blue color
- Lighter weight compared to rubber hose
- Strong, flexible and kink resistant



## Reinforced Polyurethane Coiled Hose

NITRA reinforced coiled hose has a sturdy nylon braid between the polyurethane inner and outer layers. Contamination of air systems caused by rubber hose breakdown is significantly reduced by using NITRA PUR hose. Hoses have one rigid and one swivel fitting and are specified by inside diameter.

### Features

- 1/4" and 3/8" inside diameters and two fitting sizes available
- 8, 12, and 16-foot working lengths
- Clear blue color
- Shore A 85 hardness
- Strong, flexible and kink resistant