



Polyurethane Pneumatic Tubing



NITRA™ polyurethane (PUR) tubing is made from the highest quality, 100% virgin raw materials available and has a hardness specification of Shore A 98. It is ether based to provide excellent hydrolysis, oil and cold resistance. 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.

Features

- Inch and metric sizes available
- Seven colors - black, blue, clear, red, yellow, clear blue, and dark green
- Dark green tubing is UV stabilized and is excellent for outdoor use
- 100 foot and 500 foot package sizes, 100 and 250 foot package sizes for the PU16M series
- Shore A 98 hardness
- Strong, flexible and kink resistant
- Made in USA

Color Key

Standard Tubing

UV Stabilized Tubing

Polyurethane 1/8 in. Tubing Specifications

<i>Outside Diameter (in.)</i>	0.125	<i>Working Pressure (psi) @ 70°F</i>	240	<i>Temp. Range</i>	-40°F to +160°F (-40°C to +71°C)		
<i>Inside Diameter (in.)</i>	0.062	<i>Burst Pressure (psi)</i>	720	<i>Hardness</i>	Shore A 98		
<i>Wall Thickness (in.)</i>	0.031	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (in.)</i>	0.200		
100 ft. Package Length				500 ft. Reel Length			
<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>	<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>
PU18BLK100	\$23.50	Black	0.5	PU18BLK500	\$118.00	Black	2.5
PU18BLU100	\$23.50	Blue		PU18BLU500	\$118.00	Blue	
PU18CLR100	\$23.50	Clear		PU18CLR500	\$118.00	Clear	
PU18CBL100	\$23.50	Clear Blue					
PU18RED100	\$23.50	Red					
PU18YEL100	\$23.50	Yellow					
UV18GRN100	\$30.50	Dark Green					

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

<i>Outside Diameter (in.)</i>	0.156	<i>Working Pressure (psi) @ 70°F</i>	200	<i>Temp. Range</i>	-40°F to +160°F (-40°C to +71°C)		
<i>Inside Diameter (in.)</i>	0.093	<i>Burst Pressure (psi)</i>	600	<i>Hardness</i>	Shore A 98		
<i>Wall Thickness (in.)</i>	0.031	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (in.)</i>	0.250		
100 ft. Package Length				500 ft. Reel Length			
<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>	<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>
PU532BLK100	\$21.50	Black	1.0	PU532BLK500	\$100.00	Black	4.0
PU532BLU100	\$21.50	Blue		PU532BLU500	\$100.00	Blue	
PU532CLR100	\$21.50	Clear		PU532CLR500	\$100.00	Clear	
PU532CBL100	\$21.50	Clear Blue		PU532CBL500	\$100.00	Clear Blue	
PU532RED100	\$21.50	Red		PU532RED500	\$100.00	Red	
PU532YEL100	\$21.50	Yellow		PU532YEL500	\$100.00	Yellow	
UV532GRN100	\$22.50	Dark Green		UV532GRN500	\$105.00	Dark Green	



Polyurethane Pneumatic Tubing

Polyurethane 1/4 in. Tubing Specifications							
<i>Outside Diameter (in.)</i>	0.250	<i>Working Pressure (psi) @ 70°F</i>		180	<i>Temp. Range</i>		-40°F to +160°F (-40°C to +71°C)
<i>Inside Diameter (in.)</i>	0.156	<i>Burst Pressure (psi)</i>		540	<i>Hardness</i>		Shore A 98
<i>Wall Thickness (in.)</i>	0.047	<i>Vacuum Rating</i>		To 28" Hg	<i>Bend Radius (in.)</i>		0.476
100 ft. Package Length				500 ft. Reel Length			
<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>	<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>
PU14BLK100	\$32.00	Black	2.0	PU14BLK500	\$161.00	Black	8.0
PU14BLU100	\$32.00	Blue		PU14BLU500	\$161.00	Blue	
PU14CLR100	\$32.00	Clear		PU14CLR500	\$161.00	Clear	
PU14CBL100	\$32.00	Clear Blue		PU14CBL500	\$161.00	Clear Blue	
PU14RED100	\$32.00	Red		PU14RED500	\$161.00	Red	
PU14YEL100	\$32.00	Yellow		PU14YEL500	\$161.00	Yellow	
UV14GRN100	\$38.50	Dark Green		UV14GRN500	\$182.00	Dark Green	

Polyurethane 3/8 in. Tubing Specifications							
<i>Outside Diameter (in.)</i>	0.375	<i>Working Pressure (psi) @ 70°F</i>		150	<i>Temp. Range</i>		-40°F to +160°F (-40°C to +71°C)
<i>Inside Diameter (in.)</i>	0.250	<i>Burst Pressure (psi)</i>		450	<i>Hardness</i>		Shore A 98
<i>Wall Thickness (in.)</i>	0.063	<i>Vacuum Rating</i>		To 28" Hg	<i>Bend Radius (in.)</i>		1.00
100 ft. Package Length				500 ft. Reel Length			
<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>	<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>
PU38BLK100	\$69.00	Black	3.0	PU38BLK500	\$348.00	Black	16.0
PU38BLU100	\$69.00	Blue		PU38BLU500	\$348.00	Blue	
PU38CLR100	\$69.00	Clear		PU38CLR500	\$348.00	Clear	
PU38CBL100	\$69.00	Clear Blue		PU38CBL500	\$348.00	Clear Blue	
PU38RED100	\$69.00	Red		PU38RED500	\$348.00	Red	
PU38YEL100	\$69.00	Yellow		PU38YEL500	\$348.00	Yellow	
UV38GRN100	\$79.00	Dark Green		UV38GRN500	\$374.00	Dark Green	

Polyurethane 1/2 in. Tubing Specifications							
<i>Outside Diameter (in.)</i>	0.500	<i>Working Pressure (psi) @ 70°F</i>		150	<i>Temp. Range</i>		-40°F to +160°F (-40°C to +71°C)
<i>Inside Diameter (in.)</i>	0.328	<i>Burst Pressure (psi)</i>		450	<i>Hardness</i>		Shore A 98
<i>Wall Thickness (in.)</i>	0.086	<i>Vacuum Rating</i>		To 28" Hg	<i>Bend Radius (in.)</i>		1.102
100 ft. Package Length				500 ft. Reel Length			
<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>	<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>
PU12BLK100	\$139.00	Black	6.0	PU12BLK500	\$672.00	Black	29.0
PU12BLU100	\$139.00	Blue		PU12BLU500	\$672.00	Blue	
PU12CLR100	\$139.00	Clear		PU12CLR500	\$672.00	Clear	
PU12CBL100	\$139.00	Clear Blue					
PU12RED100	\$139.00	Red					
PU12YEL100	\$139.00	Yellow					
UV12GRN100	\$142.00	Dark Green					



Polyurethane Pneumatic Tubing

Polyurethane 6 mm Tubing Specifications							
Outside Diameter (mm)	6.0	Working Pressure (psi) @ 70°F		180	Temp. Range		-40°F to +160°F (-40°C to +71°C)
Inside Diameter (mm)	4.0	Burst Pressure (psi)		540	Hardness		Shore A 98
Wall Thickness (mm)	1.0	Vacuum Rating		To 28" Hg	Bend Radius (mm)		12.0
100 ft. Package Length				500 ft. Reel Length			
Part Number	Price	Color	Package Weight (lbs)	Part Number	Price	Color	Package Weight (lbs)
PU6MBLK100	\$34.00	Black	2.0	PU6MBLK500	\$164.00	Black	7.0
PU6MBLU100	\$34.00	Blue		PU6MBLU500	\$164.00	Blue	
PU6MCLR100	\$34.00	Clear		PU6MCLR500	\$164.00	Clear	
PU6MCBL100	\$32.50	Clear Blue		PU6MCBL500	\$158.00	Clear Blue	
PU6MRED100	\$32.50	Red		PU6MRED500	\$158.00	Red	
PU6MYEL100	\$32.50	Yellow		PU6MYEL500	\$158.00	Yellow	
UV6MGRN100	\$37.50	Dark Green		UV6MGRN500	\$180.00	Dark Green	

Polyurethane 8 mm (5/16 in.) Tubing Specifications							
Outside Diameter (mm)	8.0	Working Pressure (psi) @ 70°F		175	Temp. Range		-40°F to +160°F (-40°C to +71°C)
Inside Diameter (mm)	5.0	Burst Pressure (psi)		525	Hardness		Shore A 98
Wall Thickness (mm)	1.5	Vacuum Rating		To 28" Hg	Bend Radius (mm)		15.0
100 ft. Package Length				500 ft. Reel Length			
Part Number	Price	Color	Package Weight (lbs)	Part Number	Price	Color	Package Weight (lbs)
PU8MBLK100	\$57.00	Black	3.0	PU8MBLK500	\$283.00	Black	12.0
PU8MBLU100	\$57.00	Blue		PU8MBLU500	\$283.00	Blue	
PU8MCLR100	\$57.00	Clear		PU8MCLR500	\$283.00	Clear	
PU8MCBL100	\$55.00	Clear Blue					
PU8MRED100	\$55.00	Red					
PU8MYEL100	\$55.00	Yellow					
UV8MGRN100	\$58.00	Dark Green					

Polyurethane 10 mm Tubing Specifications							
Outside Diameter (mm)	10.0	Working Pressure (psi) @ 70°F		150	Temp. Range		-40°F to +160°F (-40°C to +71°C)
Inside Diameter (mm)	6.5	Burst Pressure (psi)		450	Hardness		Shore A 98
Wall Thickness (mm)	1.75	Vacuum Rating		To 28" Hg	Bend Radius (mm)		25.0
100 ft. Package Length				500 ft. Reel Length			
Part Number	Price	Color	Package Weight (lbs)	Part Number	Price	Color	Package Weight (lbs)
PU10MBLK100	\$77.00	Black	4.0	PU10MBLK500	\$374.00	Black	18.0
PU10MBLU100	\$77.00	Blue		PU10MBLU500	\$374.00	Blue	
PU10MCLR100	\$77.00	Clear		PU10MCLR500	\$374.00	Clear	
PU10MCBL100	\$77.00	Clear Blue					
PU10MRED100	\$77.00	Red					
PU10MYEL100	\$77.00	Yellow					
UV10MGRN100	\$79.00	Dark Green					



Polyurethane Pneumatic Tubing

Polyurethane 12 mm Tubing Specifications					
Outside Diameter (mm)	12.0	Working Pressure (psi) @ 70°F	150	Temp. Range	-40°F to +160°F (-40°C to +71°C)
Inside Diameter (mm)	8.0	Burst Pressure (psi)	450	Hardness	Shore A 98
Wall Thickness (mm)	2.0	Vacuum Rating	To 28" Hg	Bend Radius (mm)	28.0
100 ft. Package Length					
Part Number	Price	Color	Package Weight (lbs)		
PU12MBLK100	\$118.00	Black	5.0		
PU12MBLU100	\$118.00	Blue			
PU12MCLR100	\$118.00	Clear			
PU12MCBL100	\$118.00	Clear Blue			
PU12MRED100	\$108.00	Red			
PU12MYEL100	\$118.00	Yellow			
UV12MGRN100	\$138.00	Dark Green			

Polyurethane 16 mm Tubing Specifications					
Outside Diameter (mm)	16.0	Working Pressure (psi) @ 70°F	150	Temp. Range	-40°F to +160°F (-40°C to +71°C)
Inside Diameter (mm)	11.0	Burst Pressure (psi)	450	Hardness	Shore A 98
Wall Thickness (mm)	2.5	Vacuum Rating	To 28" Hg	Bend Radius (mm)	30.0
100 ft. Package Length					
Part Number	Price	Color	Package Weight (lbs)		
PU16MBLK100	\$204.00	Black	8.35		
PU16MBLU100	\$204.00	Blue			
PU16MCLR100	\$204.00	Clear			
PU16MCBL100	\$204.00	Clear Blue			

NITRA Pneumatic Tubing Accessories

Pneumatic Tubing Cutter				
Part Number	Description	Pcs/Pkg	Package Weight (lbs)	Price
TC-12	NITRA pneumatic tubing cutter for use with 1/8 to 1/2 inch and 4 to 12 mm outside diameter flexible plastic tubing.	1	0.1	\$5.75
TC-20	NITRA pneumatic heavy duty tubing cutter for use with polyurethane, nylon and other flexible tubing up to 2 inch [50mm] outside diameter.	1	0.2	\$12.00



[TC-12](#)



[TC-20](#)



Nylon Pneumatic Tubing



NITRA nylon 12 tubing is made from the highest quality, 100% virgin raw materials and has a hardness specification of Shore D 70. Nylon tubing is recognized as an industry standard for applications which require higher working pressures and better heat/chemical resistance than

polyurethane. NITRA nylon 12 tubing is strong, lightweight, and has a very low moisture absorption rate so it will remain flexible with a longer life than other nylons. NITRA nylon 12 is ideal for use with NITRA push-to-connect fittings.

Features

- Inch and metric sizes available
- Five colors - black, blue, natural, red and yellow
- 100 foot and 500 foot package sizes
- Shore D 70 hardness
- High working pressure and temperature/chemical resistance
- Made in USA

Nylon 5/32 in. (4 mm) Tubing Specifications							
Outside Diameter (in.)	0.156	Working Pressure (psi) @ 70°F		350	Temp. Range	-60°F to +200°F (-51°C to +93°C)	
Inside Diameter (in.)	0.106	Burst Pressure (psi)		1050	Hardness	Shore D 70	
Wall Thickness (in.)	0.025	Vacuum Rating		To 28" Hg	Bend Radius (in.)	0.50	
100 ft. Package Length				500 ft. Reel Length			
Part Number	Price	Color	PKG WT (lbs)	Part Number	Price	Color	Package Weight (lbs)
N532BLK100	\$17.50	Black	1.0	N532BLK500	\$88.00	Black	3.0
N532BLU100	\$17.50	Blue		N532BLU500	\$88.00	Blue	
N532NAT100	\$17.50	Natural		N532NAT500	\$88.00	Natural	
N532RED100	\$17.50	Red		N532RED500	\$88.00	Red	
N532YEL100	\$17.50	Yellow		N532YEL500	\$88.00	Yellow	

Nylon 1/4 in. Tubing Specifications							
Outside Diameter (in.)	0.250	Working Pressure (psi) @ 70°F		290	Temp. Range	-60°F to +200°F (-51°C to +93°C)	
Inside Diameter (in.)	0.180	Burst Pressure (psi)		870	Hardness	Shore D 70	
Wall Thickness (in.)	0.035	Vacuum Rating		To 28" Hg	Bend Radius (in.)	1.25	
100 ft. Package Length				500 ft. Reel Length			
Part Number	Price	Color	PKG WT (lbs)	Part Number	Price	Color	Package Weight (lbs)
N14BLK100	\$28.00	Black	2.0	N14BLK500	\$145.00	Black	7.0
N14BLU100	\$28.00	Blue		N14BLU500	\$145.00	Blue	
N14NAT100	\$28.50	Natural		N14NAT500	\$145.00	Natural	
N14RED100	\$28.00	Red		N14RED500	\$145.00	Red	
N14YEL100	\$28.00	Yellow		N14YEL500	\$145.00	Yellow	

Nylon 3/8 in. Tubing Specifications							
Outside Diameter (in.)	0.375	Working Pressure (psi) @ 70°F		250	Temp. Range	-60°F to +200°F (-51°C to +93°C)	
Inside Diameter (in.)	0.275	Burst Pressure (psi)		750	Hardness	Shore D 70	
Wall Thickness (in.)	0.050	Vacuum Rating		To 28" Hg	Bend Radius (in.)	2.00	
100 ft. Package Length				500 ft. Reel Length			
Part Number	Price	Color	PKG WT (lbs)	Part Number	Price	Color	Package Weight (lbs)
N38BLK100	\$61.00	Black	3.0	N38BLK500	\$307.00	Black	12.0
N38BLU100	\$61.00	Blue		N38BLU500	\$307.00	Blue	
N38NAT100	\$61.00	Natural		N38NAT500	\$307.00	Natural	
N38RED100	\$61.00	Red		N38RED500	\$307.00	Red	
N38YEL100	\$61.00	Yellow					



Nylon Pneumatic Tubing

Nylon 1/2 in. Tubing Specifications							
Outside Diameter (in.)	0.500	Working Pressure (psi) @ 70°F		240	Temp. Range		-60°F to +200°F (-51°C to +93°C)
Inside Diameter (in.)	0.375	Burst Pressure (psi)		720	Hardness		Shore D 70
Wall Thickness (in.)	0.062	Vacuum Rating		To 28" Hg	Bend Radius (in.)		3.50
100 ft. Package Length				500 ft. Reel Length			
Part Number	Price	Color	PKG WT (lbs)	Part Number	Price	Color	Package Weight (lbs)
N12BLK100	\$92.00	Black	4.0	N12BLK500	\$448.00	Black	19.0
N12BLU100	\$92.00	Blue		N12BLU500	\$448.00	Blue	
N12NAT100	\$92.00	Natural		N12NAT500	\$448.00	Natural	
N12RED100	\$92.00	Red		N12RED500	\$448.00	Red	
N12YEL100	\$92.00	Yellow					

Nylon 6 mm Tubing Specifications							
Outside Diameter (mm)	6.0	Working Pressure (psi) @ 70°F		340	Temp. Range		-60°F to +200°F (-51°C to +93°C)
Inside Diameter (mm)	4.0	Burst Pressure (psi)		1020	Hardness		Shore D 70
Wall Thickness (mm)	1.0	Vacuum Rating		To 28" Hg	Bend Radius (mm)		32.0
100 ft. Package Length				500 ft. Reel Length			
Part Number	Price	Color	PKG WT (lbs)	Part Number	Price	Color	Package Weight (lbs)
N6MBLK100	\$28.00	Black	1.0	N6MBLK500	\$144.00	Black	6.0
N6MBLU100	\$28.00	Blue		N6MBLU500	\$144.00	Blue	
N6MNAT100	\$28.00	Natural		N6MNAT500	\$144.00	Natural	
N6MRED100	\$27.00	Red		N6MRED500	\$138.00	Red	
N6MYEL100	\$27.00	Yellow					

Nylon 8 mm Tubing Specifications							
Outside Diameter (mm)	8.0	Working Pressure (psi) @ 70°F		250	Temp. Range		-60°F to +200°F (-51°C to +93°C)
Inside Diameter (mm)	6.0	Burst Pressure (psi)		750	Hardness		Shore D 70
Wall Thickness (mm)	1.0	Vacuum Rating		To 28" Hg	Bend Radius (mm)		38.0
100 ft. Package Length				500 ft. Reel Length			
Part Number	Price	Color	PKG WT (lbs)	Part Number	Price	Color	Package Weight (lbs)
N8MBLK100	\$41.50	Black	2.0	N8MBLK500	\$209.00	Black	9.0
N8MBLU100	\$41.50	Blue		N8MBLU500	\$209.00	Blue	
N8MNAT100	\$41.50	Natural		N8MNAT500	\$209.00	Natural	
N8MRED100	\$40.00	Red		N8MRED500	\$201.00	Red	
N8MYEL100	\$40.00	Yellow					

Nylon 10 mm Tubing Specifications							
Outside Diameter (mm)	10.0	Working Pressure (psi) @ 70°F		225	Temp. Range		-60°F to +200°F (-51°C to +93°C)
Inside Diameter (mm)	8.0	Burst Pressure (psi)		675	Hardness		Shore D 70
Wall Thickness (mm)	1.0	Vacuum Rating		To 28" Hg	Bend Radius (mm)		51.0
100 ft. Package Length							
Part Number	Price	Color	PKG WT (lbs)				
N10MBLK100	\$54.00	Black	2.0				
N10MBLU100	\$54.00	Blue					
N10MNAT100	\$54.00	Natural					
N10MRED100	\$54.00	Red					
N10MYEL100	\$54.00	Yellow					



Nylon Pneumatic Tubing

Nylon 12 mm Tubing Specifications					
Outside Diameter (mm)	12.0	Working Pressure (psi) @ 70°F	200	Temp. Range	-60°F to +200°F (-51°C to +93°C)
Inside Diameter (mm)	10.0	Burst Pressure (psi)	600	Hardness	Shore D 70
Wall Thickness (mm)	1.0	Vacuum Rating	To 28" Hg	Bend Radius (mm)	63.5
100 ft. Package Length					
Part Number	Price	Color	PKG WT (lbs)		
<u>N12MBLK100</u>	\$89.00	Black	4.0		
<u>N12MBLU100</u>	\$89.00	Blue			
<u>N12MNAT100</u>	\$94.00	Natural			

NITRA Pneumatic Tubing Accessories

Pneumatic Tubing Cutter				
Part Number	Description	Pcs/Pkg	Package Weight (lbs)	Price
<u>TC-12</u>	NITRA pneumatic tubing cutter for use with 1/8 to 1/2 inch and 4 to 12 mm outside diameter flexible plastic tubing.	1	0.1	\$5.75
<u>TC-20</u>	NITRA pneumatic heavy duty tubing cutter for use with polyurethane, nylon and other flexible tubing up to 2 inch [50mm] outside diameter.	1	0.2	\$12.00



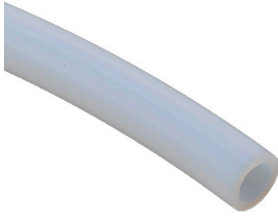
TC-12



TC-20



PTFE Pneumatic Tubing



NITRA PTFE tubing is made from the highest quality, 100% virgin raw materials and has a hardness specification of Shore D 55. PTFE tubing is an excellent choice for many high heat applications. It has exceptional resistance to degradation

of mechanical properties under severe conditions. NITRA PTFE tubing does not support combustion and has very good dielectric properties. NITRA PTFE is ideal for use with NITRA stainless steelpush-to-connect fittings.

Features

- Inch and metric sizes available
- Natural color
- 100 foot package sizes
- Shore D 55 hardness
- High working pressure and temperature/chemical resistance
- Made in USA

PTFE 1/4 in. x 1/8 in. Tubing Specifications					
<i>Outside Diameter (in.)</i>	0.250	<i>Working Pressure (psi) @ 70°F</i>	372	<i>Temp. Range</i>	-454°F to +500°F (-270°C to +260°C)
<i>Inside Diameter (in.)</i>	0.125	<i>Burst Pressure (psi)</i>	1488	<i>Hardness</i>	Shore D 55
<i>Wall Thickness (in.)</i>	0.063	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (in.)</i>	1.18
100 ft. Package Length					
<i>Part Number</i>	<i>Price</i>	<i>Color</i>			<i>Package Weight (lbs)</i>
<u>PT14-18NAT100</u>	\$489.00	Natural			2.29

PTFE 1/4 in. x 5/32 in. Tubing Specifications					
<i>Outside Diameter (in.)</i>	0.250	<i>Working Pressure (psi) @ 70°F</i>	275	<i>Temp. Range</i>	-454°F to +500°F (-270°C to +260°C)
<i>Inside Diameter (in.)</i>	0.156	<i>Burst Pressure (psi)</i>	1100	<i>Hardness</i>	Shore D 55
<i>Wall Thickness (in.)</i>	0.047	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (in.)</i>	1.97
100 ft. Package Length					
<i>Part Number</i>	<i>Price</i>	<i>Color</i>			<i>Package Weight (lbs)</i>
<u>PT14-532NAT100</u>	\$382.00	Natural			2.02

PTFE 1/4 in. x 3/16 in. Tubing Specifications					
<i>Outside Diameter (in.)</i>	0.250	<i>Working Pressure (psi) @ 70°F</i>	174	<i>Temp. Range</i>	-454°F to +500°F (-270°C to +260°C)
<i>Inside Diameter (in.)</i>	0.188	<i>Burst Pressure (psi)</i>	696	<i>Hardness</i>	Shore D 55
<i>Wall Thickness (in.)</i>	0.031	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (in.)</i>	2.56
100 ft. Package Length					
<i>Part Number</i>	<i>Price</i>	<i>Color</i>			<i>Package Weight (lbs)</i>
<u>PT14-316NAT100</u>	\$290.00	Natural			1.75



PTFE Pneumatic Tubing

PTFE 3/8 in. x 1/4 in. Tubing Specifications					
<i>Outside Diameter (in.)</i>	0.375	<i>Working Pressure (psi) @ 70°F</i>	240	<i>Temp. Range</i>	-454°F to +500°F (-270°C to +260°C)
<i>Inside Diameter (in.)</i>	0.250	<i>Burst Pressure (psi)</i>	960	<i>Hardness</i>	Shore D 55
<i>Wall Thickness (in.)</i>	0.063	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (in.)</i>	4.33
100 ft. Package Length					
<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>		
<u>PT38NAT100</u>	\$829.00	Natural	5.84		

PTFE 4 mm x 2.5 mm Tubing Specifications					
<i>Outside Diameter (mm)</i>	4.0	<i>Working Pressure (psi) @ 70°F</i>	292	<i>Temp. Range</i>	-454°F to +500°F (-270°C to +260°C)
<i>Inside Diameter (mm)</i>	2.5	<i>Burst Pressure (psi)</i>	1168	<i>Hardness</i>	Shore D 55
<i>Wall Thickness (mm)</i>	0.75	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (mm)</i>	25.0
100 ft. Package Length					
<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>		
<u>PT4MNAT100</u>	\$355.00	Natural	1.51		

PTFE 6 mm x 4 mm Tubing Specifications					
<i>Outside Diameter (mm)</i>	6.0	<i>Working Pressure (psi) @ 70°F</i>	275	<i>Temp. Range</i>	-454°F to +500°F (-270°C to +260°C)
<i>Inside Diameter (mm)</i>	4.0	<i>Burst Pressure (psi)</i>	1100	<i>Hardness</i>	Shore D 55
<i>Wall Thickness (mm)</i>	1.0	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (mm)</i>	40.0
100 ft. Package Length					
<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>Package Weight (lbs)</i>		
<u>PT6MNAT100</u>	\$489.00	Natural	2.29		



PTFE Pneumatic Tubing

PTFE 8 mm x 6 mm Tubing Specifications					
Outside Diameter (mm)	8.0	Working Pressure (psi) @ 70°F	138	Temp. Range	-454°F to +500°F (-270°C to +260°C)
Inside Diameter (mm)	6.0	Burst Pressure (psi)	552	Hardness	Shore D 70
Wall Thickness (mm)	1.0	Vacuum Rating	To 28" Hg	Bend Radius (mm)	60.0
100 ft. Package Length					
Part Number	Price	Color	Package Weight (lbs)		
<u>PT8MNAT100</u>	\$633.00	Natural	3.20		

PTFE 10 mm x 8 mm Tubing Specifications					
Outside Diameter (mm)	10.0	Working Pressure (psi) @ 70°F	112	Temp. Range	-454°F to +500°F (-270°C to +260°C)
Inside Diameter (mm)	8.0	Burst Pressure (psi)	448	Hardness	Shore D 70
Wall Thickness (mm)	1.0	Vacuum Rating	To 28" Hg	Bend Radius (mm)	100.0
100 ft. Package Length					
Part Number	Price	Color	Package Weight (lbs)		
<u>PT10MNAT100</u>	\$599.00	Natural	4.13		

NITRA Pneumatic Tubing Accessories

Pneumatic Tubing Cutter				
Part Number	Description	Pcs/Pkg	Package Weight (lbs)	Price
<u>TC-12</u>	NITRA pneumatic tubing cutter for use with 1/8 to 1/2 inch and 4 to 12 mm outside diameter flexible plastic tubing.	1	0.1	\$5.75
<u>TC-20</u>	NITRA pneumatic heavy duty tubing cutter for use with polyurethane, nylon and other flexible tubing up to 2 inch [50mm] outside diameter.	1	0.2	\$12.00



TC-12



TC-20



Tubing Working Pressure Ratings

Nylon Tubing Working Pressure Ratings (psi)				
Size O.D.	70°F (21°C)	100°F (37.8°C)	125°F (51.7°C)	150°F (65.6°C)
1/8"	420	168	133	125
5/32" (4 mm)	350	200	169	160
1/4"	290	183	160	140
5/16" (8 mm)	250	183	156	135
3/8"	250	165	148	128
1/2"	240	145	133	125
6 mm	340	190	160	140
10 mm	225	150	130	115
12 mm	200	140	130	120
14 mm	175	100	85	70

Polyurethane Tubing Working Pressure Ratings (psi)		
Size O.D.	75°F (23.9°C)	150°F (65.6°C)
1/8" (0.125)	240	100
5/32" (0.156)	200	85
3/16" (0.187)	150	90
1/4" (0.250)	180	70
5/16" (0.3125)	175	75
3/8" (0.375)	150	70
1/2" (0.500)	150	70
9/16" (0.5625)	140	60
5/8" (0.625)	150	70
3/4" (0.750)	140	70
4 mm	200	85
6 mm	180	65
8 mm	175	75
10 mm	150	70
12 mm	150	60
16 mm	150	70



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					
Outside Diameter (in.)	0.156	Working Pressure (psi) @ 70°F	200	Temp. Range	-40°F to +160°F (-40°C to +71°C)
Inside Diameter (in.)	0.093	Burst Pressure (psi)	600	Hardness	Shore A 98
Wall Thickness (in.)	0.031	Vacuum Rating	To 28" Hg	Bend Radius (in.)	0.250
Part Number	Price	Configuration	Color	PKG/Reel Length (feet)	Package Weight (lbs)
<u>2PU532-50</u>	\$25.50	Bonded double tube	Black, clear blue	50 ft. Package	0.65
<u>3PU532-50</u>	\$37.00	Bonded triple tube	Black, clear blue, blue		1.00

Polyurethane 1/4 in. Bonded Tubing Specifications					
Outside Diameter (in.)	0.250	Working Pressure (psi) @ 70°F	180	Temp. Range	-40°F to +160°F (-40°C to +71°C)
Inside Diameter (in.)	0.156	Burst Pressure (psi)	540	Hardness	Shore A 98
Wall Thickness (in.)	0.047	Vacuum Rating	To 28" Hg	Bend Radius (in.)	0.476
Part Number	Price	Configuration	Color	PKG/Reel Length (feet)	Package Weight (lbs)
<u>2PU14-50</u>	\$60.00	Bonded double tube	Black, clear blue	50 ft. Package	1.55
<u>3PU14-50</u>	\$88.00	Bonded triple tube	Black, clear blue, blue		2.25

Polyurethane 3/8 in. Bonded Tubing Specifications					
Outside Diameter (in.)	0.375	Working Pressure (psi) @ 70°F	150	Temp. Range	-40°F to +160°F (-40°C to +71°C)
Inside Diameter (in.)	0.250	Burst Pressure (psi)	450	Hardness	Shore A 98
Wall Thickness (in.)	0.063	Vacuum Rating	To 28" Hg	Bend Radius (in.)	1.00
Part Number	Price	Configuration	Color	PKG/Reel Length (feet)	Package Weight (lbs)
<u>2PU38-50</u>	\$116.00	Bonded double tube	Black, clear blue	50 ft. Package	3.25

Polyurethane 1/2 in. Bonded Tubing Specifications					
Outside Diameter (in.)	0.500	Working Pressure (psi) @ 70°F	150	Temp. Range	-40°F to +160°F (-40°C to +71°C)
Inside Diameter (in.)	0.328	Burst Pressure (psi)	450	Hardness	Shore A 98
Wall Thickness (in.)	0.086	Vacuum Rating	To 28" Hg	Bend Radius (in.)	1.102
Part Number	Price	Configuration	Color	PKG/Reel Length (feet)	Package Weight (lbs)
<u>2PU12-50</u>	\$218.00	Bonded double tube	Black, clear blue	50 ft. Package	6.00



Bonded Straight Polyurethane Tubing

Polyurethane 6 mm Bonded Tubing Specifications					
<i>Outside Diameter (mm)</i>	6.0	<i>Working Pressure (psi) @ 70°F</i>	180	<i>Temp. Range</i>	-40°F to +160°F (-40°C to +71°C)
<i>Inside Diameter (mm)</i>	4.0	<i>Burst Pressure (psi)</i>	540	<i>Hardness</i>	Shore A 98
<i>Wall Thickness (mm)</i>	1.0	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (mm)</i>	12.0
<i>Part Number</i>	<i>Price</i>	<i>Configuration</i>	<i>Color</i>	<i>PKG/Reel Length (feet)</i>	<i>Package Weight (lbs)</i>
<u>2PU06M-50</u>	\$63.00	Bonded double tube	Black, clear blue	50 ft. Package	1.25

Polyurethane 8 mm Bonded Tubing Specifications					
<i>Outside Diameter (mm)</i>	8.0	<i>Working Pressure (psi) @ 70°F</i>	175	<i>Temp. Range</i>	-40°F to +160°F (-40°C to +71°C)
<i>Inside Diameter (mm)</i>	5.0	<i>Burst Pressure (psi)</i>	525	<i>Hardness</i>	Shore A 98
<i>Wall Thickness (mm)</i>	1.5	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (mm)</i>	15.0
<i>Part Number</i>	<i>Price</i>	<i>Configuration</i>	<i>Color</i>	<i>PKG/Reel Length (feet)</i>	<i>Package Weight (lbs)</i>
<u>2PU08M-50</u>	\$119.00	Bonded double tube	Black, clear blue	50 ft. Package	2.50

Polyurethane 10 mm Bonded Tubing Specifications					
<i>Outside Diameter (mm)</i>	10.0	<i>Working Pressure (psi) @ 70°F</i>	150	<i>Temp. Range</i>	-40°F to +160°F (-40°C to +71°C)
<i>Inside Diameter (mm)</i>	6.5	<i>Burst Pressure (psi)</i>	450	<i>Hardness</i>	Shore A 98
<i>Wall Thickness (mm)</i>	1.75	<i>Vacuum Rating</i>	To 28" Hg	<i>Bend Radius (mm)</i>	25.0
<i>Part Number</i>	<i>Price</i>	<i>Configuration</i>	<i>Color</i>	<i>PKG/Reel Length (feet)</i>	<i>Package Weight (lbs)</i>
<u>2PU10M-50</u>	\$167.00	Bonded double tube	Black, clear blue	50 ft. Package	3.75



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
- Made in USA

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

Outside Diameter (in.)	0.156	Working Pressure (psi) @ 70°F	200	Temp. Range	-40°F to +160°F (-40°C to +71°C)	
Inside Diameter (in.)	0.093	Burst Pressure (psi)	600	Hardness	Shore A 98	
Wall Thickness (in.)	0.031	Vacuum Rating	To 28" Hg	Bend Radius (in.)	0.250	
Part Number	Price	Configuration	Color	Number of Coils	Working Length	Package Weight (lbs)
1PU532C10	\$8.75	Single	Clear Blue	10	2.2 ft	0.01
1PU532C20	\$9.50			20	3.9 ft	0.01
1PU532C40	\$11.00			40	5.5 ft	0.03
2PU532C10	\$11.00	Double	Black, Clear Blue	10	2.0 ft	0.01
2PU532C20	\$12.00			20	3.5 ft	0.01
2PU532C40	\$13.50			40	6.5 ft	0.05
3PU532C10	\$19.00	Triple	Black, Clear Blue, Blue	10	2.5 ft	0.05
3PU532C20	\$22.50			20	4.4 ft	0.10
3PU532C40	\$28.50			40	8.3 ft	0.25

Polyurethane 1/4 in. Coiled Tubing Specifications

Outside Diameter (in.)	0.250	Working Pressure (psi) @ 70°F	180	Temp. Range	-40°F to +160°F (-40°C to +71°C)	
Inside Diameter (in.)	0.156	Burst Pressure (psi)	540	Hardness	Shore A 98	
Wall Thickness (in.)	0.047	Vacuum Rating	To 28" Hg	Bend Radius (in.)	0.476	
Part Number	Price	Configuration	Color	Number of Coils	Working Length	Package Weight (lbs)
1PU14C10	\$11.50	Single	Clear Blue	10	3.2 ft	0.03
1PU14C20	\$13.50			20	5.8 ft	0.08
1PU14C40	\$16.00			40	8.4 ft	0.18
2PU14C10	\$13.50	Double	Black, Clear Blue	10	2.9 ft	0.05
2PU14C20	\$14.50			20	5.3 ft	0.15
2PU14C40	\$23.50			40	10.0 ft	0.35
3PU14C10	\$23.50	Triple	Black, Clear Blue, Blue	10	3.4 ft	0.20
3PU14C20	\$28.50			20	6.3 ft	0.40
3PU14C40	\$51.00			40	11.9 ft	0.80



Polyurethane Coiled Tubing - Single and Bonded Multi-Tube

Polyurethane 3/8 in. Coiled Tubing Specifications						
Outside Diameter (in.)	0.375	Working Pressure (psi) @ 70°F	150	Temp. Range	-40°F to +160°F (-40°C to +71°C)	
Inside Diameter (in.)	0.250	Burst Pressure (psi)	450	Hardness	Shore A 98	
Wall Thickness (in.)	0.063	Vacuum Rating	To 28" Hg	Bend Radius (in.)	1.00	
Part Number	Price	Configuration	Color	Number of Coils	Working Length	Package Weight (lbs)
1PU38C10	\$16.50	Single	Clear Blue	10	4.0 ft	0.15
1PU38C20	\$23.50			20	7.4 ft	0.30
1PU38C40	\$29.00			40	14.2 ft	0.60
2PU38C10	\$17.50	Double	Black, Clear Blue	10	3.6 ft	0.30
2PU38C20	\$25.50			20	6.7 ft	0.55
2PU38C40	\$45.00			40	12.9 ft	1.05
3PU38C10	\$33.00	Triple	Black, Clear Blue, Blue	10	4.4 ft	0.60
3PU38C20	\$48.50			20	8.3 ft	1.10
3PU38C40	\$94.00			40	16.0 ft	2.15

Polyurethane 6 mm Coiled Tubing Specifications						
Outside Diameter (mm)	6.0	Working Pressure (psi) @ 70°F	180	Temp. Range	-40°F to +160°F (-40°C to +71°C)	
Inside Diameter (mm)	4.0	Burst Pressure (psi)	540	Hardness	Shore A 98	
Wall Thickness (mm)	1.0	Vacuum Rating	To 28" Hg	Bend Radius (mm)	12.0	
Part Number	Price	Configuration	Color	Number of Coils	Working Length	Package Weight (lbs)
1PU06MC10	\$11.50	Single	Clear Blue	10	3.2 ft	0.05
1PU06MC20	\$13.50			20	5.8 ft	0.10
1PU06MC40	\$16.50			40	8.4 ft	0.18
2PU06MC10	\$12.50	Double	Black, Clear Blue	10	2.8 ft	0.10
2PU06MC20	\$14.00			20	5.2 ft	0.20
2PU06MC40	\$23.00			40	9.9 ft	0.35
3PU06MC10	\$23.00	Triple	Black, Clear Blue, Blue	10	3.1 ft	0.20
3PU06MC20	\$28.00			20	6.2 ft	0.35
3PU06MC40	\$48.50			40	11.8 ft	0.65

Polyurethane 8 mm Coiled Tubing Specifications						
Outside Diameter (mm)	8.0	Working Pressure (psi) @ 70°F	175	Temp. Range	-40°F to +160°F (-40°C to +71°C)	
Inside Diameter (mm)	5.0	Burst Pressure (psi)	525	Hardness	Shore A 98	
Wall Thickness (mm)	1.5	Vacuum Rating	To 28" Hg	Bend Radius (mm)	15.0	
Part Number	Price	Configuration	Color	Number of Coils	Working Length	Package Weight (lbs)
1PU08MC10	\$13.50	Single	Clear Blue	10	3.3 ft	0.10
1PU08MC20	\$19.00			20	6.1 ft	0.18
1PU08MC40	\$25.00			40	8.8 ft	0.35
2PU08MC10	\$14.50	Double	Black, Clear Blue	10	3.0 ft	0.20
2PU08MC20	\$19.00			20	5.5 ft	0.35
2PU08MC40	\$31.50			40	10.5 ft	0.70

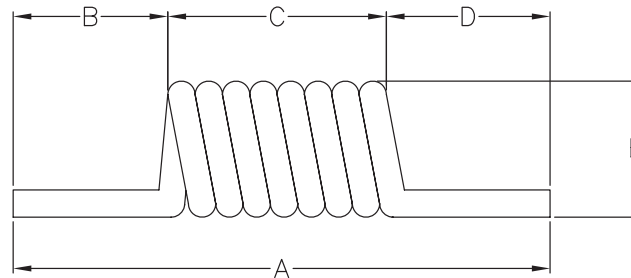


Polyurethane Coiled Tubing - Single and Bonded Multi-Tube

Polyurethane 10 mm Coiled Tubing Specifications						
Outside Diameter (mm)	10.0	Working Pressure (psi) @ 70°F	150	Temp. Range	-40°F to +160°F (-40°C to +71°C)	
Inside Diameter (mm)	6.5	Burst Pressure (psi)	450	Hardness	Shore A 98	
Wall Thickness (mm)	1.75	Vacuum Rating	To 28" Hg	Bend Radius (mm)	28.0	
Part Number	Price	Configuration	Color	Number of Coils	Working Length	Package Weight (lbs)
1PU10MC10	\$17.50	Single	Clear Blue	10	4.0 ft	0.18
1PU10MC20	\$25.00			20	7.4 ft	0.33
1PU10MC40	\$33.00			40	14.2 ft	0.60
2PU10MC10	\$19.00	Double	Black, Clear Blue	10	3.6 ft	0.35
2PU10MC20	\$28.50			20	6.7 ft	0.65
2PU10MC40	\$53.00			40	13.0 ft	1.20

Dimensions

inches [mm]

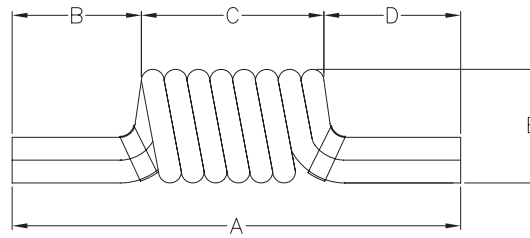


1PU					
PART NUMBER	DIM A (OVERALL LENGTH)	DIM B (TAIL)	DIM C (COMPRESSED COIL)	DIM D (TAIL)	DIM E (COIL O.D.)
1PU532C10	9.56[242.9]	4.0[101.6]	1.56[39.7]	4.0[101.6]	1.00[25.4]
1PU532C20	11.13[282.7]	4.0[101.6]	3.13[79.5]	4.0[101.6]	1.00[25.4]
1PU532C40	14.25[362.0]	4.0[101.6]	6.25[158.8]	4.0[101.6]	1.00[25.4]
1PU14C10	10.50[267.0]	4.0[101.6]	2.50[63.5]	4.0[101.6]	1.50[38.1]
1PU14C20	13.00[330.0]	4.0[101.6]	5.00[127.0]	4.0[101.6]	1.50[38.1]
1PU14C40	18.00[457.2]	4.0[101.6]	10.00[254.0]	4.0[101.6]	1.50[38.1]
1PU38C10	11.75[298.5]	4.0[101.6]	3.75[95.25]	4.0[101.6]	2.00[50.8]
1PU38C20	15.50[393.7]	4.0[101.6]	7.50[190.5]	4.0[101.6]	2.00[50.8]
1PU38C40	23.00[584.2]	4.0[101.6]	15.00[381.0]	4.0[101.6]	2.00[50.8]
1PU6MC10	10.38[263.7]	4.0[101.6]	2.38[60.5]	4.0[101.6]	1.50[38.1]
1PU6MC20	12.75[323.9]	4.0[101.6]	4.75[120.7]	4.0[101.6]	1.50[38.1]
1PU6MC40	17.50[444.5]	4.0[101.6]	9.50[241.3]	4.0[101.6]	1.50[38.1]
1PU8MC10	11.13[282.6]	4.0[101.6]	3.125[79.4]	4.0[101.6]	1.63[41.4]
1PU8MC20	14.25[362.0]	4.0[101.6]	6.25[158.8]	4.0[101.6]	1.63[41.4]
1PU8MC40	20.50[520.7]	4.0[101.6]	12.50[317.5]	4.0[101.6]	1.63[41.4]
1PU10MC10	12.00[304.8]	4.0[101.6]	4.00[101.6]	4.0[101.6]	2.00[50.8]
1PU10MC20	16.00[406.4]	4.0[101.6]	8.00[203.2]	4.0[101.6]	2.00[50.8]
1PU10MC40	24.00[609.6]	4.0[101.6]	16.00[406.4]	4.0[101.6]	2.00[50.8]

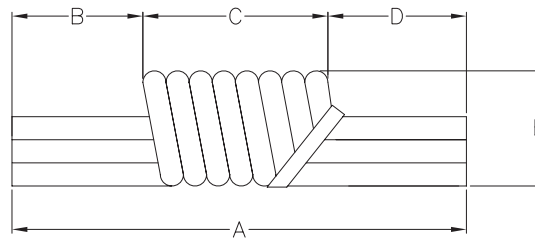


Dimensions
inches [mm]

Polyurethane Coiled Tubing



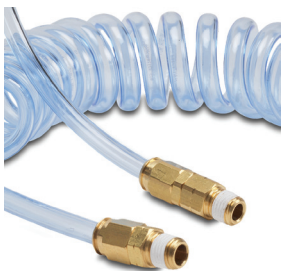
2PU					
PART NUMBER	DIM A (OVERALL LENGTH)	DIM B (TAIL)	DIM C (COMPRESSED COIL)	DIM D (TAIL)	DIM E (COIL O.D.)
2PU532C10	11.13[282.7]	4.00[101.6]	3.13[795.0]	4.00[101.6]	.88[22.4]
2PU532C20	14.25[362.0]	4.00[101.6]	6.25[158.8]	4.00[101.6]	.88[22.4]
2PU532C40	20.63[524.0]	4.00[101.6]	12.63[320.8]	4.00[101.6]	.88[22.4]
2PU14C10	13.00[330.2]	4.00[101.6]	5.00[127.0]	4.00[101.6]	1.50[38.1]
2PU14C20	18.00[457.2]	4.00[101.6]	10.00[254.0]	4.00[101.6]	1.50[38.1]
2PU14C40	28.00[711.2]	4.00[101.6]	20.00[508.0]	4.00[101.6]	1.50[38.1]
2PU38C10	15.50[393.7]	4.00[101.6]	7.50[190.5]	4.00[101.6]	2.00[50.8]
2PU38C20	23.00[584.2]	4.00[101.6]	15.00[381.0]	4.00[101.6]	2.00[50.8]
2PU38C40	38.00[965.2]	4.00[101.6]	30.00[762.0]	4.00[101.6]	2.00[50.8]
2PU6MC10	12.75[323.9]	4.00[101.6]	4.75[120.7]	4.00[101.6]	1.50[38.1]
2PU6MC20	17.50[445.0]	4.00[101.6]	9.50[241.3]	4.00[101.6]	1.50[38.1]
2PU6MC40	27.00[685.8]	4.00[101.6]	19.00[482.6]	4.00[101.6]	1.50[38.1]
2PU8MC10	14.38[365.3]	4.00[101.6]	6.38[162.1]	4.00[101.6]	1.63[41.4]
2PU8MC20	20.63[523.9]	4.00[101.6]	12.63[320.8]	4.00[101.6]	1.63[41.4]
2PU8MC40	33.25[845.0]	4.00[101.6]	25.25[641.4]	4.00[101.6]	1.63[41.4]
2PU10MC10	16.00[406.4]	4.00[101.6]	8.00[203.2]	4.00[101.6]	1.50[38.1]
2PU10MC20	23.75[603.3]	4.00[101.6]	15.75[400.1]	4.00[101.6]	1.50[38.1]
2PU10MC40	39.50[1003.3]	4.00[101.6]	31.50[800.1]	4.00[101.6]	1.50[38.1]



3PU					
PART NUMBER	DIM A (OVERALL LENGTH)	DIM B (TAIL)	DIM C (COMPRESSED COIL)	DIM D (TAIL)	DIM E (COIL O.D.)
3PU532C10	12.75[323.9]	4.00[101.6]	4.75[120.7]	4.00[101.6]	1.25[31.8]
3PU532C20	17.38[441.5]	4.00[101.6]	9.38[238.3]	4.00[101.6]	1.25[31.8]
3PU532C40	27.00[685.8]	4.00[101.6]	19.00[482.6]	4.00[101.6]	1.25[31.8]
3PU14C10	15.50[393.7]	4.00[101.6]	7.50[190.5]	4.00[101.6]	1.75[44.5]
3PU14C20	23.00[584.2]	4.00[101.6]	15.00[381.0]	4.00[101.6]	1.75[44.5]
3PU14C40	38.00[965.2]	4.00[101.6]	30.00[762.0]	4.00[101.6]	1.75[44.5]
3PU38C10	19.25[489.0]	4.00[101.6]	11.25[285.8]	4.00[101.6]	2.50[63.5]
3PU38C20	30.50[774.7]	4.00[101.6]	22.50[571.5]	4.00[101.6]	2.50[63.5]
3PU38C40	53.00[1346.2]	4.00[101.6]	45.00[1143.0]	4.00[101.6]	2.50[63.5]
3PU6MC10	11.00[297.4]	4.00[101.6]	7.00[177.8]	4.00[101.6]	1.75[44.5]
3PU6MC20	22.25[566.15]	4.00[101.6]	14.25[362.0]	4.00[101.6]	1.75[44.5]
3PU6MC40	36.38[924.1]	4.00[101.6]	28.38[720.9]	4.00[101.6]	1.75[44.5]
3PU8MC10	17.50[444.5]	4.00[101.6]	9.50[241.3]	4.00[101.6]	2.00[50.8]
3PU8MC20	27.00[685.8]	4.00[101.6]	19.00[482.6]	4.00[101.6]	2.00[50.8]
3PU8MC40	46.00[1168.4]	4.00[101.6]	38.00[965.2]	4.00[101.6]	2.00[50.8]
3PU10MC10	20.00[508.0]	4.00[101.6]	12.00[304.8]	4.00[101.6]	2.50[63.5]
3PU10MC20	31.63[803.4]	4.00[101.6]	23.63[600.2]	4.00[101.6]	2.50[63.5]
3PU10MC40	55.25[1403.4]	4.00[101.6]	47.25[1200.2]	4.00[101.6]	2.50[63.5]



Polyurethane Coiled Hose



NITRA™ polyurethane (PUR) hose is made from the same high quality materials as our tubing. Standard hoses have one rigid and one swivel fitting and are specified by inside diameter. QC hoses have one Male and one Female industrial interchange quick disconnect fitting.

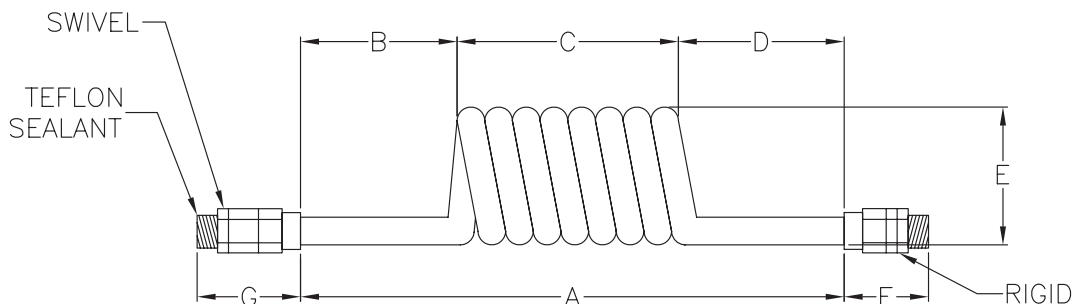
Features

- 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
- Made in USA

Polyurethane Coiled Hose Specifications								
Working Pressure (psi) @ 68°F		140			Temp. Range		-68°F to +140°F (-55°C to +60°C)	
Burst Pressure (psi) @ 68°F		428			Hardness		Shore A 98	
Part Number	Price	Hose I.D. (in)	Hose O.D. (in)	Wall Thickness	Fittings	Number of Coils	Working Length	Package Weight (lbs)
HP14C10CBL	\$24.50	1/4	3/8	0.06	1/4 in MNPT	10	8 ft	0.55
HP14C15CBL	\$28.00					15	12 ft	0.60
HP14C20CBL	\$31.50					20	16 ft	0.75
HP14C10CBL-QC	\$56.00	1/4	3/8	0.06	1/4 in QD	10	8 ft	0.55
HP14C15CBL-QC	\$59.00					15	12 ft	0.60
HP14C20CBL-QC	\$63.00					20	16 ft	0.75

Dimensions

inches [mm]



Dimensions in inches [mm]

PART NUMBER	DIM A (OVERALL LENGTH)	DIM B (TAIL)	DIM C (COMPRESSED COIL)	DIM D (TAIL)	DIM E (COIL O.D.)	DIM F (CONN.)	DIM G (CONN.)
HP14C10CBL	31.13[790.7]	20.00[508.0]	7.13[181.0]	4.0[101.6]	2.00[50.8]	1.50[38.1]	1.97[50.0]
HP14C15CBL	35.63[905.0]	20.00[508.0]	11.63[295.4]	4.0[101.6]	2.00[50.8]	1.50[38.1]	1.97[50.0]
HP14C20CBL	39.75[1009.7]	20.00[508.0]	15.75[400.1]	4.0[101.6]	2.00[50.8]	1.50[38.1]	1.97[50.0]
HP38C10CBL	31.00[787.4]	20.00[508.0]	7.00[177.8]	4.0[101.6]	3.13[79.5]	1.80[45.7]	2.20[55.9]
HP38C15CBL	36.00[914.4]	20.00[508.0]	12.00[304.8]	4.0[101.6]	3.13[79.5]	1.80[45.7]	2.20[55.9]
HP38C20CBL	40.00[1016.0]	20.00[508.0]	16.00[406.4]	4.0[101.6]	3.13[79.5]	1.80[45.7]	2.20[55.9]



Polyurethane Coiled Hose

Dimensions

inches [mm]

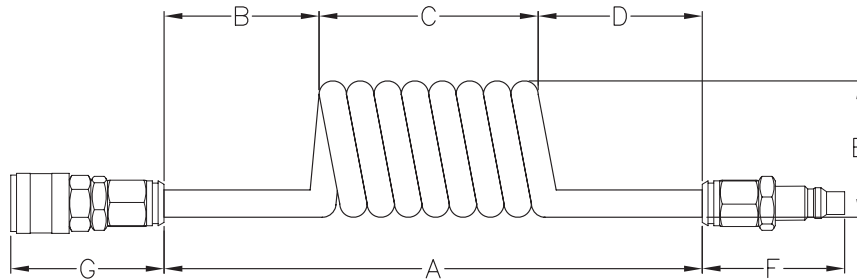
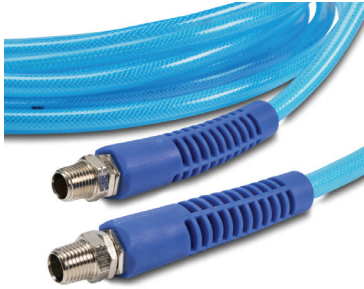


TABLE 1

PART NUMBER	DIM A (OVERALL LENGTH)	DIM B (TAIL)	DIM C (COMPRESSED COIL)	DIM D (TAIL)	DIM E (COIL O.D.)	DIM F (CONN.)	DIM G (CONN.)
HP14C10CBL-QC	31.13[790.7]	20.00[508.0]	7.13[181.0]	4.0[101.6]	2.00[50.8]	1.95[49.5]	2.10[53.3]
HP14C15CBL-QC	35.63[905.0]	20.00[508.0]	11.63[295.4]	4.0[101.6]	2.00[50.8]	1.95[49.5]	2.10[53.3]
HP14C20CBL-QC	39.75[1009.7]	20.00[508.0]	15.75[400.1]	4.0[101.6]	2.00[50.8]	1.95[49.5]	2.10[53.3]
HP38C10CBL-QC	31.00[787.4]	20.00[508.0]	7.00[177.8]	4.0[101.6]	3.13[79.5]	2.30[58.4]	2.36[59.9]
HP38C15CBL-QC	36.00[914.4]	20.00[508.0]	12.00[304.8]	4.0[101.6]	3.13[79.5]	2.30[58.4]	2.36[59.9]
HP38C20CBL-QC	40.00[1016.0]	20.00[508.0]	16.00[406.4]	4.0[101.6]	3.13[79.5]	2.30[58.4]	2.36[59.9]



Reinforced Polyurethane Hose



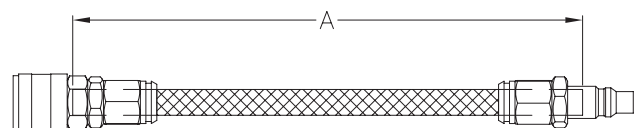
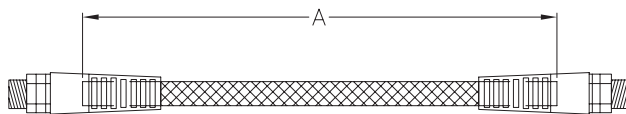
NITRA™ reinforced polyurethane (PUR) hose features a sturdy polyester braid between the polyurethane inner and outer layers. Contamination of air systems caused by rubber hose breakdown is significantly reduced by using NITRA PUR hose. CBL2 and CBL3 hoses have one rigid and one swivel fitting and are specified by inside diameter. CBL5 and CBL6 hoses have one Male and one Female industrial interchange quick disconnect fitting.

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
- Made in USA

Reinforced Polyurethane Hose Specifications								
Working Pressure (psi) @ 68°F		210			Temp. Range		-40°F to +155°F (-40°C to +68°C)	
Burst Pressure (psi) @ 68°F		630			Hardness		Shore A 85	
Part Number	Price	Hose I.D. (in)	Hose O.D. (in)	Wall Thickness (in)	Fittings	Min. Bend Radius	PKG Length	Package Weight (lbs)
HBP14-25CBL2	\$40.50	1/4	3/8	0.06	1/4 in MNPT	1.00"	25 ft	1.15
HBP14-50CBL2	\$57.00						50 ft	2.00
HBP38-25CBL2	\$44.50	3/8	9/16	0.09	1/4 in MNPT	1.63"	25 ft	2.50
HBP38-50CBL2	\$70.00						50 ft	4.25
HBP38-25CBL3	\$46.50				25 ft		2.50	
HBP38-50CBL3	\$75.00				50 ft		4.50	

Dimensions

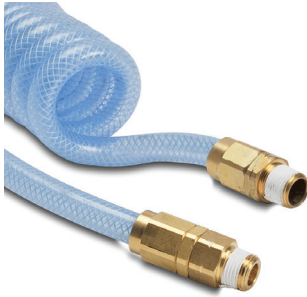


PART NUMBER	DIM A (OVERALL LENGTH)
HBP14-25CBL2	25'
HBP14-50CBL2	50'
HBP38-25CBL2	25'
HBP38-50CBL2	50'
HBP38-25CBL3	25'
HBP38-50CBL3	50'

PART NUMBER	DIM A (OVERALL LENGTH)
HBP14-25CBL5	25'
HBP14-50CBL5	50'
HBP38-25CBL6	25'
HBP38-50CBL6	50'



Reinforced Polyurethane Coiled Hose



NITRA™ reinforced coiled hose has a sturdy polyester 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. Standard hoses have one rigid and one swivel fitting and are specified by inside diameter. QC hoses have one Male and one Female industrial interchange quick disconnect fitting.

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
- Made in USA

Reinforced Polyurethane Coiled Hose Specifications

Working Pressure (psi) @ 68°F	310	Temp. Range	-40°F to +120°F (-40°C to +49°C)					
Burst Pressure (psi) @ 68°F	930	Hardness	Inner layer: Shore A 98 Outer layer: Shore A 85					
Part Number	Price	Hose I.D. (in)	Hose O.D. (in)	Wall Thickness (in)	FTG Size	Number of Coils	Working Length	Package Weight (lbs)
HBP14C10CBL	\$45.00	1/4	3/8	0.06	1/4 in MNPT	10	8 ft	0.55
HBP14C15CBL	\$60.00					15	12 ft	0.65
HBP14C20CBL	\$73.00					20	16 ft	0.85
HBP38C10CBL	\$76.00	3/8	9/16	0.09	3/8 in MNPT	10	8 ft	1.00
HBP38C15CBL	\$94.00					15	12 ft	1.30
HBP14C10CBL-QC	\$78.00	1/4	3/8	0.06	1/4 in QD	10	8 ft	0.55
HBP14C15CBL-QC	\$89.00					15	12 ft	0.65
HBP38C10CBL-QC	\$110.00	3/8	9/16	0.09	3/8 in QD	10	8 ft	1.00
HBP38C15CBL-QC	\$132.00					15	12 ft	1.30

Dimensions

inches [mm]

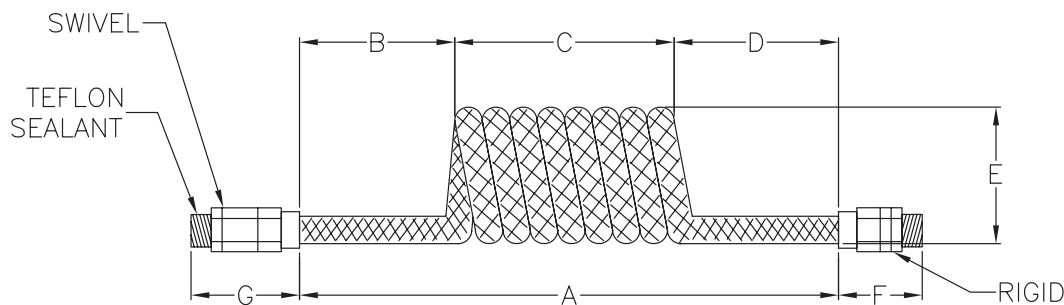


TABLE 1

PART NUMBER	DIM A (OVERALL LENGTH)	DIM B (TAIL)	DIM C (COMPRESSED COIL)	DIM D (TAIL)	DIM E (COIL O.D.)	DIM F (CONN.)	DIM G (CONN.)
HBP14C10CBL	35.75[908.1]	20.00[508.0]	11.75[298.5]	4.0[101.6]	1.63[41.1]	1.50[38.1]	1.97[50.0]
HBP14C15CBL	42.75[1085.9]	20.00[508.0]	18.75[476.3]	4.0[101.6]	1.63[41.1]	1.50[38.1]	1.97[50.0]
HBP14C20CBL	50.50[1282.7]	20.00[508.0]	26.5[673.1]	4.0[101.6]	1.63[41.1]	1.50[38.1]	1.97[50.0]
HBP38C10CBL	40.00[1016.0]	20.00[508.0]	16.00[406.4]	4.0[101.6]	2.38[60.5]	1.80[45.7]	2.20[55.9]
HBP38C15CBL	47.25[1200.2]	20.00[508.0]	23.25[590.6]	4.0[101.6]	2.38[60.5]	1.80[45.7]	2.20[55.9]
HBP38C20CBL	52.25[1327.2]	20.00[508.0]	28.25[717.6]	4.0[101.6]	2.38[60.5]	1.80[45.7]	2.20[55.9]



Reinforced Polyurethane Coiled Hose

Dimensions

inches [mm]

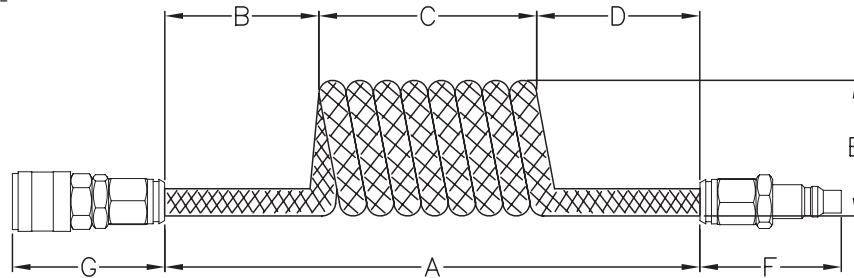


TABLE 1

PART NUMBER	DIM A (OVERALL LENGTH)	DIM B (TAIL)	DIM C (COMPRESSED COIL)	DIM D (TAIL)	DIM E (COIL O.D.)	DIM F (CONN.)	DIM G (CONN.)
HBP14C10CBL-QC	35.75[908.1]	20.00[508.0]	11.75[298.5]	4.0[101.6]	1.63[41.1]	1.95[49.5]	2.10[53.3]
HBP14C15CBL-QC	42.75[1085.9]	20.00[508.0]	18.75[476.3]	4.0[101.6]	1.63[41.1]	1.95[49.5]	2.10[53.3]
HBP14C20CBL-QC	50.50[1282.7]	20.00[508.0]	26.5[673.1]	4.0[101.6]	1.63[41.1]	1.95[49.5]	2.10[53.3]
HBP38C10CBL-QC	40.00[1016.0]	20.00[508.0]	16.00[406.4]	4.0[101.6]	2.38[60.5]	2.30[58.4]	2.36[59.9]
HBP38C15CBL-QC	47.25[1200.2]	20.00[508.0]	23.25[590.6]	4.0[101.6]	2.38[60.5]	2.30[58.4]	2.36[59.9]
HBP38C20CBL-QC	52.25[1327.2]	20.00[508.0]	28.25[717.6]	4.0[101.6]	2.38[60.5]	2.30[58.4]	2.36[59.9]



Hybrid PVC Hose



NITRA™ Hybrid PVC hose is a blend of PVC and rubber with a polyester braided reinforcement. The PVC gives light weight, color stability and hardness for higher working pressures while the rubber gives improved flexibility and operating temperature range. Our Hybrid PVC polyester reinforced hose is sold with or without male NPT nickel-plated brass rigid fittings (additional fittings may be purchased separately).

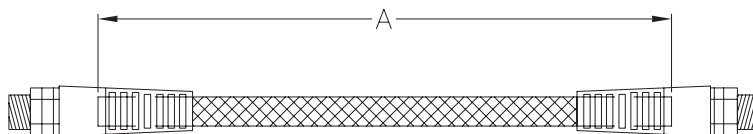
Features

- 1/4" and 3/8" inside diameters
- 25 and 50 foot hose lengths with fittings
- 100, 250 and 500 foot bulk hose lengths without fittings
- Works with air or water
- Black with Green Stripe color
- Shore A 62 hardness
- Strong, flexible and kink resistant



Hybrid PVC Hose								
Working Pressure (psi) @ 68°F	300			Temp. Range	-40°F to +180°F (-40°C to +82°C)			
Burst Pressure (psi) @ 68°F	900			Hardness	Shore A 62			
Part Number	Price	Hose I.D. (in)	Hose O.D. (in)	Wall Thickness (in)	Fittings	Min. Bend Radius	PKG Length	Package Weight (lbs)
HPVC14-25BG2	\$28.00	1/4	7/16	0.09	1/4 in MNPT	1.00"	25 ft	1.5
HPVC14-50BG2	\$34.00						50 ft	2.9
HPVC38-25BG3	\$37.00	3/8	9/16	0.09	3/8 in MNPT	1.63"	25 ft	2.3
HPVC38-50BG3	\$50.00						50 ft	4.5
HPVC14-100BG	\$46.00	1/4	7/16	0.09	NA	1.00"	100 ft	5.8
HPVC14-250BG	\$114.00				NA		250 ft	14.6
HPVC14-500BG	\$222.00				NA		500 ft	29.2
HPVC38-100BG	\$63.00	3/8	9/16	0.09	NA	1.63"	100 ft	9.0
HPVC38-250BG	\$165.00				NA		250 ft	22.6
HPVC38-500BG	\$342.00				NA		500 ft	45.1

Dimensions



Part Number	DIM A (OVERALL LENGTH)
HPVC14-25BG2	25'
HPVC14-50BG2	50'
HPVC38-25BG3	25'
HPVC38-50BG3	50'



Air or Water Threaded Fittings with Strain Relief



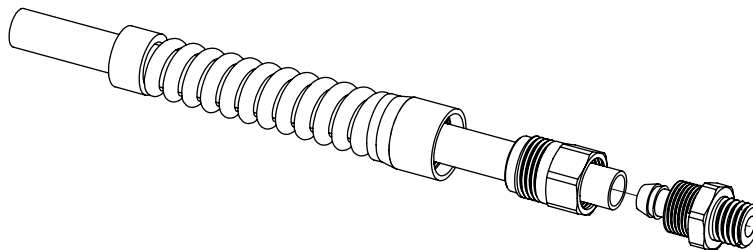
NITRA™ air or water threaded fittings with strain relief are excellent for use on our Hybrid PVC polyester reinforced hose. They are comprised of a nickel-plated brass body and threads with an impact resistant acetal strain relief. Threaded sealant is pre-applied.

Features

- Available in either 1/4" or 3/8" MNPT
- Nickel-plated brass
- Pre-applied thread sealant

Air or Water Threaded Fittings with Strain Relief			
Part Number	Price	Description	Package Weight (lbs)
HSR14-14N	\$6.75	NITRA air or water threaded fitting, male, hose rigid, nickel-plated brass body, nickel-plated brass threads, thread sealant, 1/4in inside diameter to 1/4in male NPT with strain relief.	0.2
HSR38-14N	\$7.00	NITRA air or water threaded fitting, male, hose rigid, nickel-plated brass body, nickel-plated brass threads, thread sealant, 3/8in inside diameter to 1/4in male NPT with strain relief.	0.3
HSR38-38N	\$10.00	NITRA air or water threaded fitting, male, hose rigid, nickel-plated brass body, nickel-plated brass threads, thread sealant, 3/8in inside diameter to 3/8in male NPT with strain relief.	0.3

Threaded Fitting Application Illustration





Nylon Coiled Hose



NITRA™ nylon coiled hose is an excellent choice for industrial environments requiring higher working pressure and higher temperature/chemical resistance.

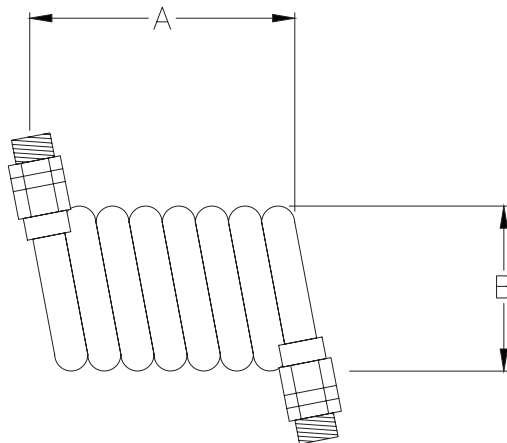
Manufactured from Nylon 12, these hoses include spring guards to resist kinking and have male nickel-plated brass NPT swivel fittings on each end.

Features

- Heavy duty nylon has low moisture absorption rate
- Coiled hose allows operator freedom of movement and uncluttered work area
- Lightweight and economical
- Replacement swivel fittings available
- Made in USA

Nylon Coiled Hose Specifications												
Burst Pressure		800psi (57bar)		Temp. Range	-60°F to +200°F (-52°C to +93°C)							
				Hardness	Shore D 70							
Part Number	Price	Hose I.D.	Hose O.D.	Wall Thickness	Fittings	Number of Coils	Working Length	Working Pressure (psi) @ 68°F	A (in.)	B (in.)	Package Weight (lbs)	
HN14C14-12YEL	\$23.00	1/4	5/16	0.03	(2) 1/4 in MNPT Swivel	15	10 ft	250	4.75	3.625	0.4	
HN14C14-25YEL	\$30.00					29	20 ft		9.5		0.5	
HN14C14-50YEL	\$42.50					58	40 ft		19		0.9	
HN38C14-12YEL	\$40.00	3/8	0.47	0.05	(2) 1/4 in MNPT Swivel	15	10 ft	225	4.5	6.0	0.7	
HN38C14-25YEL	\$55.00					28	20 ft		9.0		1.5	
HN38C14-50YEL	\$83.00					59	42 ft		18.0		1.8	
HN38C38-12YEL	\$42.00					(2) 3/8 in MNPT Swivel	15		10 ft		4.5	0.8
HN38C38-25YEL	\$58.00						28		20 ft		9.0	1.2
HN38C38-50YEL	\$86.00						59		42 ft		18.0	2.0
HN12C12-12YEL	\$63.00	1/2	5/8	0.06	(2) 1/2 in MNPT Swivel	8	10 ft	170	6.0	7.5	1.3	
HN12C12-25YEL	\$84.00					15	20 ft		10.5		1.9	

Dimensions





Nylon Coiled Hose Kit

Nylon Coiled Hose Kit Accessories



Nylon Coiled Hose Kit Accessories*

Part Number	Price	Description	Package Weight (lbs)
<u>HS14-14M-R</u>	\$6.50	NITRA pneumatic hose fitting, replacement, nickel-plated brass, 1/4 inch inside diameter, 1/4 inch male NPT swivel connections	0.1
<u>HS38-14M-R</u>	\$9.25	NITRA pneumatic hose fitting, replacement, nickel-plated brass, 3/8 inch inside diameter, 1/4 inch male NPT swivel connections	0.2

* For nylon hose only