



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

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

Nylon 3/8 in. Tubing Specifications							
<i>Outside Diameter (in.)</i>	0.375	<i>Working Pressure (psi) @ 70° F</i>		250	<i>Temp. Range</i>		-60°F to +200°F (-51°C to +93°C)
<i>Inside Diameter (in.)</i>	0.275	<i>Burst Pressure (psi)</i>		750	<i>Hardness</i>		Shore D 70
<i>Wall Thickness (in.)</i>	0.050	<i>Vacuum Rating</i>		To 28" Hg	<i>Bend Radius (in.)</i>		2.00
100 ft. Package Length				500 ft. Reel Length			
<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>PKG WT (lbs)</i>	<i>Part Number</i>	<i>Price</i>	<i>Color</i>	<i>PKG WT (lbs)</i>
<i>N38BLK100</i>	<-->	Black	3.0	<i>N38BLK500</i>	<-->	Black	12.0
<i>N38BLU100</i>	<-->	Blue		<i>N38BLU500</i>	<-->	Blue	
<i>N38NAT100</i>	<-->	Natural		<i>N38NAT500</i>	<-->	Natural	
<i>N38RED100</i>	<-->	Red		<i>N38RED500</i>	<-->	Red	
<i>N38YEL100</i>	<-->	Yellow		<i>N38YEL500</i>	<-->	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	PKG WT (lbs)
N12BLK100	<--->	Black	4.0	N12BLK500	<--->	Black	19.0
N12BLU100	<--->	Blue		N12BLU500	<--->	Blue	
N12NAT100	<--->	Natural		N12NAT500	<--->	Natural	
N12RED100	<--->	Red		N12RED500	<--->	Red	
N12YEL100	<--->	Yellow		N12YEL500	<--->	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	PKG WT (lbs)
N6MBLK100	<--->	Black	1.0	N6MBLK500	<--->	Black	6.0
N6MBLU100	<--->	Blue		N6MBLU500	<--->	Blue	
N6MNAT100	<--->	Natural		N6MNAT500	<--->	Natural	
N6MRED100	<--->	Red		N6MRED500	<--->	Red	
N6MYEL100	<--->	Yellow		N6MYEL500	<--->	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	PKG WT (lbs)
N8MBLK100	<--->	Black	2.0	N8MBLK500	<--->	Black	9.0
N8MBLU100	<--->	Blue		N8MBLU500	<--->	Blue	
N8MNAT100	<--->	Natural		N8MNAT500	<--->	Natural	
N8MRED100	<--->	Red		N8MRED500	<--->	Red	
N8MYEL100	<--->	Yellow		N8MYEL500	<--->	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				500 ft. Reel Length			
Part Number	Price	Color	PKG WT (lbs)	Part Number	Price	Color	PKG WT (lbs)
N10MBLK100	<--->	Black	2.0	N10MBLK500	<--->	Black	11.0
N10MBLU100	<--->	Blue		N10MBLU500	<--->	Blue	
N10MNAT100	<--->	Natural		N10MNAT500	<--->	Natural	
N10MRED100	<--->	Red		N10MRED500	<--->	Red	
N10MYEL100	<--->	Yellow		N10MYEL500	<--->	Yellow	

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				500 ft. Reel Length			
Part Number	Price	Color	PKG WT (lbs)	Part Number	Price	Color	PKG WT (lbs)
N12MBLK100	<-->	Black	4.0	N12MBLK500	<-->	Black	19.0
N12MBLU100	<-->	Blue		N12MBLU500	<-->	Blue	
N12MNAT100	<-->	Natural		N12MNAT500	<-->	Natural	
N12MRED100	<-->	Red		N12MRED500	<-->	Red	
N12MYEL100	<-->	Yellow		N12MYEL500	<-->	Yellow	

NITRA Pneumatic Tubing Accessories

Pneumatic Tubing Cutter				
Part Number	Description	Pcs/Pkg	Wt (lb)	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	<-->
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	<-->



TC-12



TC-20