

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	PKG WT (lbs)
1PU532C10	<-->	Single	Clear Blue	10	2.2 ft	0.01
1PU532C20	<-->			20	3.9 ft	0.01
1PU532C40	<-->			40	5.5 ft	0.03
2PU532C10	<-->	Double	Black, Clear Blue	10	2.0 ft	0.01
2PU532C20	<-->			20	3.5 ft	0.01
2PU532C40	<-->			40	6.5 ft	0.05
3PU532C10	<-->	Triple	Black, Clear Blue, Blue	10	2.5 ft	0.05
3PU532C20	<-->			20	4.4 ft	0.10
3PU532C40	<-->			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	PKG WT (lbs)
1PU14C10	<-->	Single	Clear Blue	10	3.2 ft	0.03
1PU14C20	<-->			20	5.8 ft	0.08
1PU14C40	<-->			40	8.4 ft	0.18
2PU14C10	<-->	Double	Black, Clear Blue	10	2.9 ft	0.05
2PU14C20	<-->			20	5.3 ft	0.15
2PU14C40	<-->			40	10.0 ft	0.35
3PU14C10	<-->	Triple	Black, Clear Blue, Blue	10	3.4 ft	0.20
3PU14C20	<-->			20	6.3 ft	0.40
3PU14C40	<-->			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	PKG WT (lbs)
1PU38C10	<--->	Single	Clear Blue	10	4.0 ft	0.15
1PU38C20	<--->			20	7.4 ft	0.30
1PU38C40	<--->			40	14.2 ft	0.60
2PU38C10	<--->	Double	Black, Clear Blue	10	3.6 ft	0.30
2PU38C20	<--->			20	6.7 ft	0.55
2PU38C40	<--->			40	12.9 ft	1.05
3PU38C10	<--->	Triple	Black, Clear Blue, Blue	10	4.4 ft	0.60
3PU38C20	<--->			20	8.3 ft	1.10
3PU38C40	<--->			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	PKG WT (lbs)
1PU06MC10	<--->	Single	Clear Blue	10	3.2 ft	0.05
1PU06MC20	<--->			20	5.8 ft	0.10
1PU06MC40	<--->			40	8.4 ft	0.18
2PU06MC10	<--->	Double	Black, Clear Blue	10	2.8 ft	0.10
2PU06MC20	<--->			20	5.2 ft	0.20
2PU06MC40	<--->			40	9.9 ft	0.35
3PU06MC10	<--->	Triple	Black, Clear Blue, Blue	10	3.1 ft	0.20
3PU06MC20	<--->			20	6.2 ft	0.35
3PU06MC40	<--->			40	11.8 ft	0.65

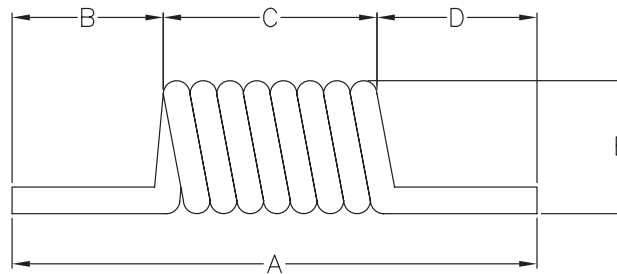
Polyurethane 8 mm Coiled Tubing Specifications						
Outside Diameter (mm)	8.0	Working Pressure (psi) @ 70°F	175	Temp. Range	-40°F to +160°F (-40°C to +71°C)	
Inside Diameter (mm)	5.0	Burst Pressure (psi)	525	Hardness	Shore A 98	
Wall Thickness (mm)	1.5	Vacuum Rating	To 28" Hg	Bend Radius (mm)	15.0	
Part Number	Price	Configuration	Color	Number of Coils	Working Length	PKG WT (lbs)
1PU08MC10	<--->	Single	Clear Blue	10	3.3 ft	0.10
1PU08MC20	<--->			20	6.1 ft	0.18
1PU08MC40	<--->			40	8.8 ft	0.35
2PU08MC10	<--->	Double	Black, Clear Blue	10	3.0 ft	0.20
2PU08MC20	<--->			20	5.5 ft	0.35
2PU08MC40	<--->			40	10.5 ft	0.70
3PU08MC10	<--->	Triple	Black, Clear Blue, Blue	10	3.4 ft	0.35
3PU08MC20	<--->			20	6.5 ft	0.70
3PU08MC40	<--->			40	12.4 ft	1.25

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	PKG WT (lbs)
1PU10MC10	<--->	Single	Clear Blue	10	4.0 ft	0.18
1PU10MC20	<--->			20	7.4 ft	0.33
1PU10MC40	<--->			40	14.2 ft	0.60
2PU10MC10	<--->	Double	Black, Clear Blue	10	3.6 ft	0.35
2PU10MC20	<--->			20	6.7 ft	0.65
2PU10MC40	<--->			40	13.0 ft	1.20
3PU10MC10	<--->	Triple	Black, Clear Blue, Blue	10	4.4 ft	0.65
3PU10MC20	<--->			20	8.5 ft	1.25
3PU10MC40	<--->			40	16.3 ft	2.40

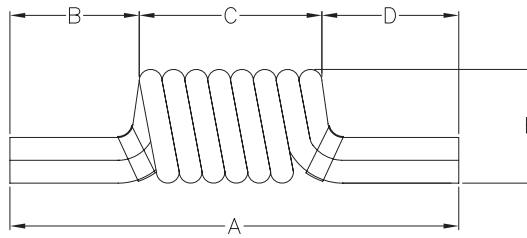
Dimensions inches [mm]



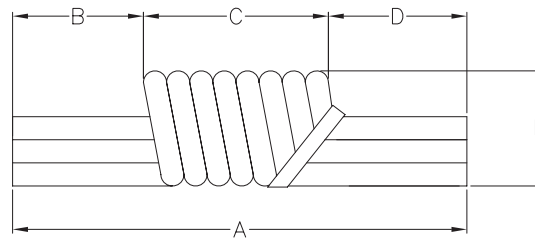
1PU					
PART NUMBER	DIM A (OVERALL LENGTH)	DIM B (TAIL)	DIM C (COMPRESSED COIL)	DIM D (TAIL)	DIM E (COIL O.D.)
1PU532C10	9.56[242.9]	4.0[101.6]	1.56[39.7]	4.0[101.6]	1.00[25.4]
1PU532C20	11.13[282.7]	4.0[101.6]	3.13[79.5]	4.0[101.6]	1.00[25.4]
1PU532C40	14.25[362.0]	4.0[101.6]	6.25[158.8]	4.0[101.6]	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]

Polyurethane Coiled Tubing

Dimensions
inches [mm]



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[565.15]	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]