



# 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 |         |                                      |                         |                          |                                  |                      |
|---|---------|--------------------------------------|-------------------------|--------------------------|----------------------------------|----------------------|
| <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                            |                      |
| Part Number   | Price   | Configuration                        | Color                   | Number of Coils          | Working Length                   | Package Weight (lbs) |
| <b>1PU532C10</b>  | \$4.50  | Single                               | Clear Blue              | 10                       | 2.2 ft                           | 0.01                 |
| <b>1PU532C20</b>  | \$5.00  |                                      |                         | 20                       | 3.9 ft                           | 0.01                 |
| <b>1PU532C40</b>  | \$5.50  |                                      |                         | 40                       | 5.5 ft                           | 0.03                 |
| <b>2PU532C10</b>  | \$5.50  | Double                               | Black, Clear Blue       | 10                       | 2.0 ft                           | 0.01                 |
| <b>2PU532C20</b>  | \$6.00  |                                      |                         | 20                       | 3.5 ft                           | 0.01                 |
| <b>2PU532C40</b>  | \$7.00  |                                      |                         | 40                       | 6.5 ft                           | 0.05                 |
| <b>3PU532C10</b>  | \$10.00 | Triple                               | Black, Clear Blue, Blue | 10                       | 2.5 ft                           | 0.05                 |
| <b>3PU532C20</b>  | \$11.00 |                                      |                         | 20                       | 4.4 ft                           | 0.10                 |
| <b>3PU532C40</b>  | \$15.00 |                                      |                         | 40                       | 8.3 ft                           | 0.25                 |

| Polyurethane 1/4 in. Coiled 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                            |                      |
| Part Number                                       | Price   | Configuration                        | Color                   | Number of Coils          | Working Length                   | Package Weight (lbs) |
| <b>1PU14C10</b>                                   | \$6.00  | Single                               | Clear Blue              | 10                       | 3.2 ft                           | 0.03                 |
| <b>1PU14C20</b>                                   | \$7.25  |                                      |                         | 20                       | 5.8 ft                           | 0.08                 |
| <b>1PU14C40</b>                                   | \$8.75  |                                      |                         | 40                       | 8.4 ft                           | 0.18                 |
| <b>2PU14C10</b>                                   | \$6.50  | Double                               | Black, Clear Blue       | 10                       | 2.9 ft                           | 0.05                 |
| <b>2PU14C20</b>                                   | \$8.00  |                                      |                         | 20                       | 5.3 ft                           | 0.15                 |
| <b>2PU14C40</b>                                   | \$12.00 |                                      |                         | 40                       | 10.0 ft                          | 0.35                 |
| <b>3PU14C10</b>                                   | \$12.00 | Triple                               | Black, Clear Blue, Blue | 10                       | 3.4 ft                           | 0.20                 |
| <b>3PU14C20</b>                                   | \$15.00 |                                      |                         | 20                       | 6.3 ft                           | 0.40                 |
| <b>3PU14C40</b>                                   | \$27.00 |                                      |                         | 40                       | 11.9 ft                          | 0.80                 |



# Polyurethane Coiled Tubing - Single and Bonded Multi-Tube

## Polyurethane 3/8 in. Coiled 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                             |

| Part Number | Price   | Configuration | Color                   | Number of Coils | Working Length | Package Weight (lbs) |
|-------------|---------|---------------|-------------------------|-----------------|----------------|----------------------|
| 1PU38C10    | \$8.75  | Single        | Clear Blue              | 10              | 4.0 ft         | 0.15                 |
| 1PU38C20    | \$11.50 |               |                         | 20              | 7.4 ft         | 0.30                 |
| 1PU38C40    | \$15.50 |               |                         | 40              | 14.2 ft        | 0.60                 |
| 2PU38C10    | \$9.00  | Double        | Black, Clear Blue       | 10              | 3.6 ft         | 0.30                 |
| 2PU38C20    | \$13.50 |               |                         | 20              | 6.7 ft         | 0.55                 |
| 2PU38C40    | \$24.00 |               |                         | 40              | 12.9 ft        | 1.05                 |
| 3PU38C10    | \$17.00 | Triple        | Black, Clear Blue, Blue | 10              | 4.4 ft         | 0.60                 |
| 3PU38C20    | \$26.00 |               |                         | 20              | 8.3 ft         | 1.10                 |
| 3PU38C40    | \$50.00 |               |                         | 40              | 16.0 ft        | 2.15                 |

## Polyurethane 6 mm Coiled 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> | 12.0                             |

| Part Number | Price   | Configuration | Color                   | Number of Coils | Working Length | Package Weight (lbs) |
|-------------|---------|---------------|-------------------------|-----------------|----------------|----------------------|
| 1PU06MC10   | \$6.00  | Single        | Clear Blue              | 10              | 3.2 ft         | 0.05                 |
| 1PU06MC20   | \$7.00  |               |                         | 20              | 5.8 ft         | 0.10                 |
| 1PU06MC40   | \$8.50  |               |                         | 40              | 8.4 ft         | 0.18                 |
| 2PU06MC10   | \$6.50  | Double        | Black, Clear Blue       | 10              | 2.8 ft         | 0.10                 |
| 2PU06MC20   | \$7.50  |               |                         | 20              | 5.2 ft         | 0.20                 |
| 2PU06MC40   | \$11.50 |               |                         | 40              | 9.9 ft         | 0.35                 |
| 3PU06MC10   | \$12.00 | Triple        | Black, Clear Blue, Blue | 10              | 3.1 ft         | 0.20                 |
| 3PU06MC20   | \$15.00 |               |                         | 20              | 6.2 ft         | 0.35                 |
| 3PU06MC40   | \$27.00 |               |                         | 40              | 11.8 ft        | 0.65                 |

## Polyurethane 8 mm Coiled 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> | 15.0                             |

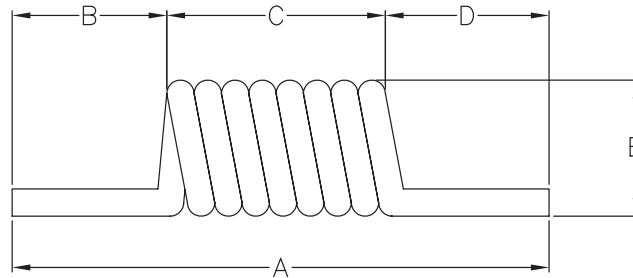
| Part Number | Price   | Configuration | Color                   | Number of Coils | Working Length | Package Weight (lbs) |
|-------------|---------|---------------|-------------------------|-----------------|----------------|----------------------|
| 1PU08MC10   | \$7.50  | Single        | Clear Blue              | 10              | 3.3 ft         | 0.10                 |
| 1PU08MC20   | \$10.00 |               |                         | 20              | 6.1 ft         | 0.18                 |
| 1PU08MC40   | \$13.00 |               |                         | 40              | 8.8 ft         | 0.35                 |
| 2PU08MC10   | \$8.00  | Double        | Black, Clear Blue       | 10              | 3.0 ft         | 0.20                 |
| 2PU08MC20   | \$10.00 |               |                         | 20              | 5.5 ft         | 0.35                 |
| 2PU08MC40   | \$17.00 |               |                         | 40              | 10.5 ft        | 0.70                 |
| 3PU08MC10   | \$14.00 | Triple        | Black, Clear Blue, Blue | 10              | 3.4 ft         | 0.35                 |
| 3PU08MC20   | \$19.00 |               |                         | 20              | 6.5 ft         | 0.70                 |
| 3PU08MC40   | \$36.00 |               |                         | 40              | 12.4 ft        | 1.25                 |



# Polyurethane Coiled Tubing - Single and Bonded Multi-Tube

| Polyurethane 10 mm Coiled 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> | 28.0                             |                             |
| <b>Part Number</b>                              | <b>Price</b> | <b>Configuration</b>                 | <b>Color</b>            | <b>Number of Coils</b>  | <b>Working Length</b>            | <b>Package Weight (lbs)</b> |
| <b>1PU10MC10</b>                                | \$9.00       | Single                               | Clear Blue              | 10                      | 4.0 ft                           | 0.18                        |
| <b>1PU10MC20</b>                                | \$13.00      |                                      |                         | 20                      | 7.4 ft                           | 0.33                        |
| <b>1PU10MC40</b>                                | \$17.00      |                                      |                         | 40                      | 14.2 ft                          | 0.60                        |
| <b>2PU10MC10</b>                                | \$10.50      | Double                               | Black, Clear Blue       | 10                      | 3.6 ft                           | 0.35                        |
| <b>2PU10MC20</b>                                | \$15.50      |                                      |                         | 20                      | 6.7 ft                           | 0.65                        |
| <b>2PU10MC40</b>                                | \$28.00      |                                      |                         | 40                      | 13.0 ft                          | 1.20                        |
| <b>3PU10MC10</b>                                | \$18.50      | Triple                               | Black, Clear Blue, Blue | 10                      | 4.4 ft                           | 0.65                        |
| <b>3PU10MC20</b>                                | \$30.00      |                                      |                         | 20                      | 8.5 ft                           | 1.25                        |
| <b>3PU10MC40</b>                                | \$58.00      |                                      |                         | 40                      | 16.3 ft                          | 2.40                        |

## Dimensions inches [mm]

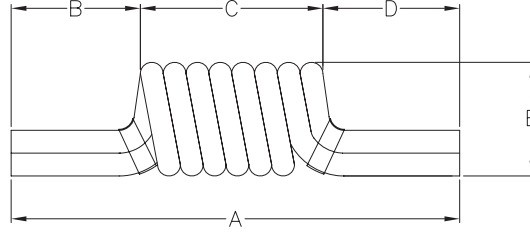


| 1PU         |                        |              |                         |              |                   |
|-------------|------------------------|--------------|-------------------------|--------------|-------------------|
| PART NUMBER | DIM A (OVERALL LENGTH) | DIM B (TAIL) | DIM C (COMPRESSED 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]        |

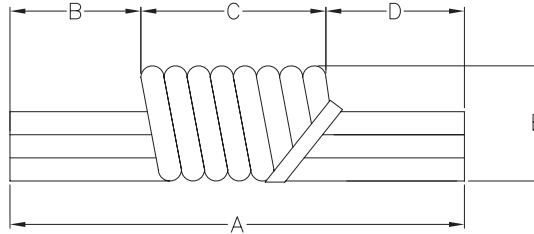


# Polyurethane Coiled Tubing

Dimensions  
inches [mm]



| 2PU         |                           |                 |                            |                 |                      |
|-------------|---------------------------|-----------------|----------------------------|-----------------|----------------------|
| PART NUMBER | DIM A<br>(OVERALL LENGTH) | DIM B<br>(TAIL) | DIM C<br>(COMPRESSED COIL) | DIM D<br>(TAIL) | DIM E<br>(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<br>(OVERALL LENGTH) | DIM B<br>(TAIL) | DIM C<br>(COMPRESSED COIL) | DIM D<br>(TAIL) | DIM E<br>(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]           |