

Pneumatic Tubing

A. Polyethylene

Fractional
Metric

B. Nylon

Fractional
Metric
Mini-Coils

C. Polyurethane

Fractional
Metric
EZ Strip™ Bonded
Polyurethane Mini Coils

D. Ny-Chem™ Kynar®* PVDF

Fractional
Metric
Mini-Coils

E. Tube Accessories

Tube Cutters
Spiral Wrap

F. Specialty Engineered Products

*Kynar® is a registered trademark of Arkema, Inc.



TUBING

FITTINGS

BALL VALVES

FILTER, REGULATOR
& LUBRICATOR

HOSE

COUPLERS

BLOW GUN/ACCESS.

TECHNICAL

There are three thermoplastic tubing compounds used for the majority of pneumatic lines: Nylon, Polyethylene and Polyurethane. All three offer distinct advantages. Selecting the one that best fits a particular job should be done only after all of the application requirements are carefully considered. For more information on selection, please refer to the Technical Section.



General Tubing Characteristics

	Temperature Range	Working Pressure (at 68°F)	Flexibility	Compatible Fittings
Polyethylene	-100°F to +175°F (-73°C to +79.5°C)	83 PSI – 200 PSI (5.7 BAR – 13 BAR)	Flexible	Push-To-Connect Compression Hose Barb
Nylon	-40°F to +200°F (-40°C to +93°C)	160 PSI – 500 PSI (11 BAR – 35 BAR)	Least Flexible	Push-To-Connect Compression Hose Barb
Polyurethane	-40°F to +165°F (-40°C to +74°C)	125 PSI – 200 PSI (8.5 BAR – 14 BAR)	Most Flexible	Push-To-Connect Hose Barb

Note: Pressure ratings are also effected by diameter of tubing and wall thickness. Actual performance may vary with different media and working conditions.



TUBING
FITTINGS
BALL VALVES
FILTER, REGULATOR & LUBRICATOR
HOSE
COUPLERS
BLOW GUN/ACCESS.
TECHNICAL

Polyethylene Tubing

Common Tubing for Common Applications



Polyethylene is the most commonly used tubing due to its flexibility, wide range of chemical resistance and lower cost.

Polyethylene Property Overview

- Flexible
- Chemically Inert
- UV Resistant (Black tube)
- Temperature Range: -100°F to +175°F (-73°C to +80°C)

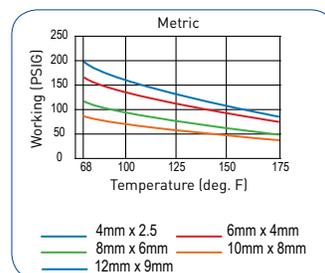
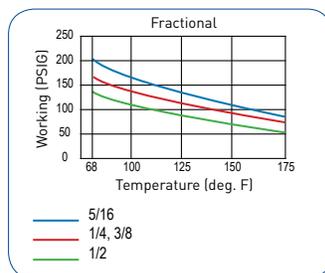
Typical Applications

- Low Pressure Pneumatics

LLDPE has a much higher resistance to stress cracking as compared to other Polyethylene compounds. It is also chemically inert, meaning it forms a good barrier against moisture, vapors and gases – minimizing the possibility of leaks or contamination. Where prolonged exposure to sunlight or ultraviolet (UV) light is a concern, black tubing is recommended for extended life.

Polyethylene Applications

- Potable Water Feed/Drains
- Pneumatic or Signal Lines
- Liquid/Air Transfer



Polyethylene Fractional Inch Tubing

Tube O.D.	Tube I.D.	Wall Thickness	Part Number			Min. Bend Radius	Weight	Working Pressure			Burst Pressure
			100'	500'	1000'			1000' (lbs.)	PSI@68°F	PSI@125°F	
inch	inch	inch	Reel	Reel	Reel	inch					
1/4	0.170	0.040	6244_	6444_	6644_	3/4	10.9	167	107	500	
5/16	0.190	0.062	6255_	6455_	6655_	5/8	20.2	200	128	600	
3/8	0.250	0.062	6266_	6466_	6666_	1-1/8	25.3	167	107	500	
1/2	0.375	0.062	6288_	6988_*	6688_	2-1/8	35.5	133	85	400	

* Indicates 250' Reel

Adding a Color Code suffix to the part number is required. If no Color code is selected, Natural (0) color will be supplied. Custom sizes, cut lengths, reel lengths and colors are available upon request - contact Customer Service.

Color Code
0 = Natural
1 = Black
2 = Red
3 = Blue
4 = Green
5 = Yellow
6 = Orange
7 = Gray

Polyethylene Metric Tubing

Tube O.D.	Tube I.D.	Wall Thickness	Part Number			Min. Bend Radius	Weight	Working Pressure			Burst Pressure
			100'	500'	1000'			1000' (lbs.)	PSI@68°F	PSI@125°F	
mm	mm	mm	Reel	Reel	Reel	mm					
4	2.5	0.75	7203_	7503_	7803_	12	5.0	200	125	600	
6	4	1.00	7206_	7506_	7806_	36	10.2	167	110	500	
8	6	1.00	7208_	7508_	7808_	48	14.2	117	70	350	
10	8	1.00	7211_	7511_	7811_	60	18.3	83	50	250	
12	9	1.50	7213_	7513_	7813_	70	31.5	117	70	350	

Color Code
0 = Natural
1 = Black
2 = Red
3 = Blue
4 = Green
5 = Yellow
6 = Orange
7 = Gray

Nylon Tubing

The Nylon Advantage

Nylon tubing is a popular choice for low pressure pneumatic applications because of its combination of flexibility and toughness. Nycoil uses a heat and light stabilized, very flexible compound that yields a quality tube. Nylon is the most recommended tubing material for all types of pneumatic circuits.

A circuit designer could never get into trouble using Nylon tubing for pneumatic circuits. Due to its physical properties, Nylon is the number one choice for reliable connections with all types of fittings. Nylon retains its performance integrity in elevated temperatures and generally, because of its higher pressure and temperature characteristics,

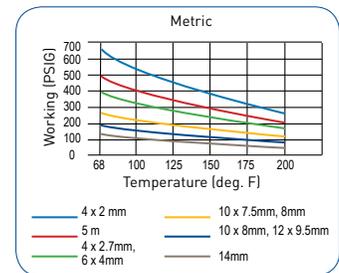
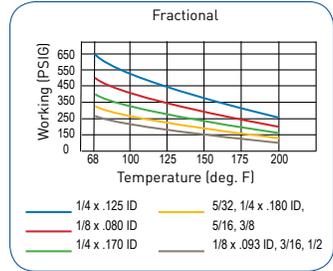
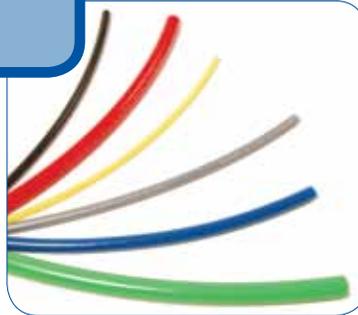
Nylon will have a greater flow passage than composite tubing made from other material with the same outside diameter. These factors should never be overlooked when designing pneumatic circuits.

Nylon Property Overview

- Flexible
- Good Chemical Resistance
- Low Moisture Absorption
- Superior Dimensional Stability
- Temperature Range:
-40°F to +200°F (-40°C to +93°C)

Typical Applications

- Low Pressure Pneumatic
- Pneumatic Circuits
- Injection Lube Systems
- Hydro-Pneumatic Circuit



Nylon Products

- Pneumatic Tubing
- Mini-Coils
- Capillary Tubing

Nylon Fractional Inch Tubing

Tube O.D.	Tube I.D.	Wall Thickness	Part Number			Min. Bend Radius	Weight	Working Pressure			Burst Pressure
			100'	500'	1000'			PSI@68°F	PSI@125°F	PSI@68°F	
inch	inch	inch	Reel	Reel	Reel	inch	1000' (lbs.)				
1/8	0.080	0.023	6121_	6521_	6021_	1/4	3.3	500	350	1500	
1/8	0.093	0.016	6122_	6522_	6022_	1/2	2.5	267	187	800	
5/32	0.106	0.025	6123_	6523_	6023_	5/8	4.8	333	233	1000	
3/16	0.137	0.025	6133_	6533_	6033_	3/4	5.8	267	187	800	
1/4	0.180	0.035	6144_	6544_	6044_	7/8	10.9	333	233	1000	
1/4	0.125	0.062	6146_	6546_	6046_	1-1/4	16.9	667	467	2000	
1/4	0.170	0.040	6147_	6547_	6047_	7/8	12.2	400	280	1200	
5/16	0.232	0.040	6155_	6555_	6055_	1	15.7	333	233	1000	
3/8	0.275	0.050	6166_	6566_	6066_	1-1/4	23.3	333	233	1000	
1/2	0.375	0.062	6188_	6888_ *	6088_	2-1/4	39	267	187	800	

Color Code
Suffix Key
0 = Natural
1 = Black
2 = Red
3 = Blue
4 = Green
5 = Yellow
6 = Orange
7 = Gray

Nylon Metric Tubing

Tube O.D.	Tube I.D.	Wall Thickness	Part Number			Min. Bend Radius	Weight	Working Pressure			Burst Pressure
			100'	500'	1000'			PSI@68°F	PSI@125°F	PSI@68°F	
mm	mm	mm	Reel	Reel	Reel	mm	1000' (lbs.)				
4	2.7	0.65	7104_	7404_	7704_	24	3.8	367	257	1100	
4	2	1	7102_	7402_	7702_	24	6.8	667	467	2000	
5	3	1	7105_	7405_	7705_	30	9	500	350	1500	
6	4	1	7106_	7406_	7706_	36	11.2	400	280	1200	
8	6	1	7108_	7408_	7708_	48	15.8	283	198	850	
10	8	1	7111_	7411_	7711_	60	20.2	200	140	600	
10	7.5	1.25	7110_	7410_	7710_	70	24.6	267	187	800	
12	9.5	1.25	7112_	7412_	7712_	70	30.1	233	163	700	
14	12	1	7116_	-	-	100	29.1	133	93	400	

Color Code
Suffix Key
0 = Natural
1 = Black
2 = Red
3 = Blue
4 = Green

* Indicates 250' Reel

Adding a Color Code suffix to the part number is required. If no Color code is selected, Natural (0) color will be supplied. Custom sizes, cut lengths, reel lengths and colors are available upon request - contact Customer Service. Please refer to the Technical Section for working pressure charts and chemical resistance.



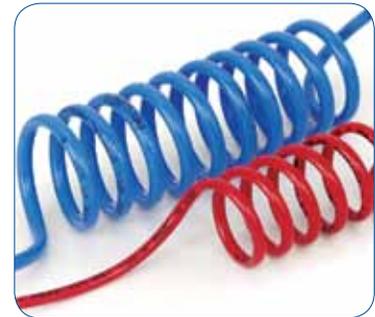
PNEUMATIC TUBING

Nylon Mini-Coils

The tight diameter of our Mini-Coils make them extremely flexible and ideal for use with robotics, instrumentation, small pneumatic tools, control circuits or any other application requiring either constant or intermittent motion. They include a pigtail on each end for easy fitting installation or connection to other devices. A variety of colors are available for coding purposes or to be aesthetically compatible with other equipment. Custom colors, sizes and lengths are available – please consult Customer Service.

Nylon - Mini-Coils

Tube O.D.	Tube I.D.	Wall Thickness	Part Number	Coil Dimensions					Color Code
				Overall Length	Length w/o Tails	Number of Coils	Coil O.D. "B"	Compact Length "C"	Suffix Key
				inch	inch		inch	inch	
5/32	0.106	0.025	4112_	24	16	5	1-1/2	7/8	0 = Natural 1 = Black 2 = Red 3 = Blue
5/32	0.106	0.025	4113_	36	28	8	1-1/2	1-1/4	
5/32	0.106	0.025	4115_	60	52	12	1-1/2	1-7/8	
5/32	0.106	0.025	4116_	72	64	19	1-1/2	3	
5/32	0.106	0.025	4110_	120	112	32	1-1/2	5	
1/4	0.180	0.035	4143_	36	28	6	2	1-1/2	
1/4	0.180	0.035	4145_	60	52	10	2	2-1/2	
1/4	0.180	0.035	4147_	84	76	15	2	3-3/4	
1/4	0.180	0.035	4149_	108	100	19	2	4-3/4	
5/16	0.232	0.040	4154_	48	40	6	2-5/8	1-7/8	
5/16	0.232	0.040	4156_	72	64	10	2-5/8	3-1/8	
5/16	0.232	0.040	4150_	120	112	16	2-5/8	5	



Recommended working length is 85% of the total length.

Supplied with "pigtailed" for connection. All tails are 4" long on both ends. Adding a Color Code suffix to the part number is required. If no Color code is selected, Natural (0) color will be supplied. Custom sizes, cut lengths, reel lengths and colors are available upon request. Contact Customer Service.

Capillary Tubing (Lube Tube)

Capillary Tubing is produced from a specially formulated Nylon resin with a 1/8" outside diameter and a 0.023" wall on 1000 foot reels. The tubing is used for injection lube systems. Tubing is in stock. Contact Customer Service for more information.

Nylon - Capillary Tubing

Tube O.D.	Tube I.D.	Wall Thickness	PN 1000
inch	inch	inch	Reel
1/8	0.079	0.023	60218

(500 PSI working pressure)



Polyurethane Tubing

For Extensive Flexing Applications

Polyurethane tubing is usually the best choice for applications requiring extensive flexing, a small bend radius or where kinking can be a problem. Nycoil uses a raw material that will not break down or be affected in any way by moisture. Being a naturally rubbery compound, it requires no plasticizers that can leach out over time. This material also offers superior resistance to grease, oils, fuels and abrasion, making it suitable for a wide variety of applications.

Since Nycoil's Push-To-Connect Fittings have the highest gripping "force" as compared to other brands, it is assured that our tubing will always work with our fittings. However, when using Push-To-Connect Fittings from other manufacturers with any brand of Polyurethane tubing, testing for retention reliability is strongly recommended. Further, we recommend using only Polyurethane tubing made from 95A Durometer hardness compound with Push-To-Connect Fittings. In addition, compression type fittings should never be used with Polyurethane tubing of any hardness.



Polyurethane Products

- Pneumatic Tubing
- EZ Strip™
- Mini-Coils

Polyurethane Property Overview

- Extreme Flexibility
- Reduced Bend Radius
- Moisture Resistant
- Abrasion Resistant
- Temperature Range:
-40°F to +165°F (-40°C to +75°C)

Typical Applications

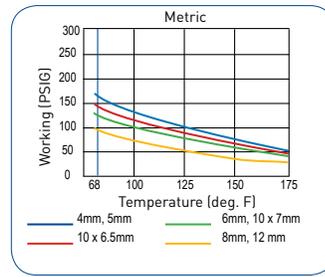
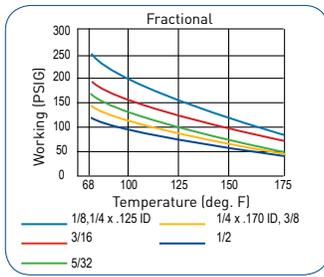
- Water & Pneumatic Lines
- Spot Welders
- Machines
- Tools
- Pneumatic Plumbing
- Pick & Place Automation

95A Durometer Polyurethane Tubing

Although 95A Durometer is the hardest compound used for Nycoil's Polyurethane tubing, it is still flexible and has a smaller bend radius (without kinking) than most other plastic tubing. Produced from raw materials that resists moisture, fungus, abrasion and a broad range of chemicals making it a popular choice for many applications.

A wide selection of colors makes it adaptable to the functional and aesthetic requirements of most pneumatic circuits and equipment. 95A Durometer Polyurethane Tubing can be used with most brands of Push-To-Connect or Hose Barb Fittings.

TUBING
FITTINGS
BALL VALVES
FILTER, REGULATOR & LUBRICATOR
HOSE
COUPLERS
BLOW GUN/ACCESS.
TECHNICAL



95A Durometer Polyurethane Fractional Inch Tubing

Tube O.D.	Tube I.D.	Wall Thickness	Part Number			Min. Bend Radius	Weight	Working Pressure			Burst Pressure
			100'	500'	1000'			PSI@68°F	PSI@125°F	PSI@68°F	
inch	inch	inch	Reel	Reel	Reel	inch	1000' (lbs.)				
1/8	0.062	0.031	6322_	6722_	6622_	1/4	4.7	267	160	800	
5/32	0.093	0.031	6325_	6725_	6625_	3/8	6.2	167	100	500	
3/16	0.107	0.040	6333_	6733_	6633_	3/8	10	200	120	600	
1/4	0.170	0.040	6344_	6744_	6645_	1/2	13.6	133	80	400	
1/4	0.125	0.062	6346_	6746_	6646_	3/4	18.8	267	160	800	
3/8	0.250	0.062	6366_	6766_	6667_	1	21.3	133	80	400	
1/2	0.320	0.090	6387_	6787_*	6687_	2	59.6	150	90	450	

Color Code - Suffix Key

0 = Clear 2 = Red 4 = Green 6 = Orange 9 = White 13 = Transparent Blue 15 = Transparent Yellow
 1 = Black 3 = Blue 5 = Yellow 7 = Gray 12 = Transparent Red 14 = Transparent Green 16 = Transparent Orange

* Indicates 250' Reel. Adding a Color Code Suffix to the part number is required. If no color is selected, Clear (0) Color will be supplied. Custom sizes, lengths and colors are available. Please consult the factory with your specifications.

95A Durometer Polyurethane Metric Tubing

Tube O.D.	Tube I.D.	Wall Thickness	Part Number			Min. Bend Radius	Weight	Working Pressure			Burst Pressure
			100'	500'	1000'			PSI@68°F	PSI@125°F	PSI@68°F	
mm	mm	mm	Reel	Reel	Reel	mm	1000' (lbs.)				
4	2.5	0.75	7303_	7603_	7903_	12	6	167	100	500	
5	3	1	7305_	7605_	7905_	15	10.1	167	100	500	
6	4	1	7306_	7606_	7906_	18	12.6	133	80	400	
8	6	1	7308_	7608_	7908_	24	17.6	97	58	290	
10	6.5	1.75	7310_	7610_	7910_	25	36.1	150	90	450	
12	9	1.5	7313_	7613_	7913_	48	39.5	97	58	290	

Color Code
Suffix Key
0 = Clear
1 = Black
2 = Red
3 = Blue
4 = Green

Adding a Color Code suffix to the part number is required. If no Color code is selected, Clear (0) color will be supplied. Custom sizes, cut lengths, reel lengths and colors are available upon request - contact Customer Service. Please refer to the Technical Section for working pressure charts and chemical resistance.

"EZ-Strip™" Bonded Polyurethane Tubing, 95A Durometer & 85A Durometer

Nycoil offers Bonded Tubing in Polyurethane and Nylon. Due to the differences in the properties of these two materials, each is bonded in a different manner. Polyurethane uses our EZ-Strip™ process, which is a continuous bond along the entire length of the tubes. Bonded Polyurethane is easily separated, meaning the tubes can be pulled apart without compromising their dimensional integrity. Maintaining perfect "roundness" is essential for a secure and leak free fitting connection. EZ-Strip™ is also available as Mini Coils.



"EZ Strip™" Features

- Saves Time & Money
Quick Installation: Running a single strip of bonded tubing is much faster than running multiple tubes individually
- Allows Compact Circuit
Space Economy: Bonded tubes provide a more precise and consistent dimension than bundles, wraps or channels
- Reduces Errors
Visible Traceability: Color-coded bonded tubes make routing a circuit less complicated and easier to follow
- Enhances Appearance of the Circuit & Equipment
Eliminates Clutter: Bonded tubing will eliminate tangled and sloppy tubing runs

95A Polyurethane "EZ-Strip™" Tubing

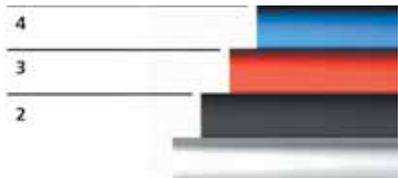
Tube O.D.	Tube I.D.	Part Number	Number of Tubes	Color Code	Length Code
inch	inch			Suffix Key	Suffix Key
1/8	0.062	B322 - _	2, 3, 4, 5, 6	2 = Clear & Black	A = 25 ft
5/32	0.093	B325 - _	2, 3, 4, 5, 6	3 = Clear, Black & Red	B = 50 ft
3/16	0.107	B333 - _	2, 3, 4	4 = Clear, Black, Red & Blue	C = 100 ft
1/4	0.125	B346 - _	2, 3, 4, 5, 6	5 = Clear, Black, Red, Blue & Green	
3/8	0.250	B366 - _	2, 3, 4, 5, 6	6 = Clear, Black, Red, Blue, Green & Yellow	

To Order:
First add the number of tubes required to the first location to the Part Number. Then add the A, B, or C after the "-" to complete the Part Number and to designate the required continuous length. Longer continuous lengths, more than 6 tubes or custom color sequences available on request.
Example: B3224-B = 4 tubes at 50 feet.

95A Polyurethane "EZ-Strip™" Mini Coils

Tube O.D.	Tube I.D.	Wall	Part Number	Overall Length	Length w/o Tails	Number of Tubes Bonded
inch	inch	inch		inch	Inch	Suffix Key
5/32	0.093	.031	B4810 _	120	108	2 = Natural & Black
5/32	0.093	.031	B4812 _	24	12	3 = Natural, Black & Red
5/32	0.093	.031	B4813 _	36	24	4 = Natural, Black, Red & Blue
5/32	0.093	.031	B4815 _	60	48	
5/32	0.093	.031	B4817 _	84	72	
1/8	0.062	.031	B4822 _	24	12	
1/8	0.062	.031	B4823 _	36	24	
1/8	0.062	.031	B4824 _	48	36	
1/8	0.062	.031	B4825 _	60	48	
1/4	0.125	.062	B4840 _	120	108	
1/4	0.125	.062	B4843 _	36	24	
1/4	0.125	.062	B4845 _	60	48	
1/4	0.125	.062	B4847 _	84	72	
3/8	0.250	.062	B4860 _	120	108	
3/8	0.250	.062	B4865 _	60	48	

Supplied with "pigtailed" for connection. All "tails" are 6" long on both ends.



TUBING

FITTINGS

BALL VALVES

FILTER, REGULATOR & LUBRICATOR

HOSE

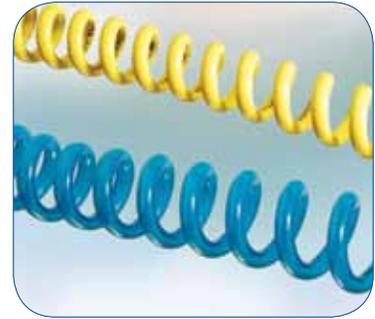
COUPLERS

BLOW GUN/ACCESS.

TECHNICAL

95A Polyurethane Mini-Coil

The tight diameter of our Mini-Coils make them extremely flexible and ideal for use with robotics, instrumentation, small pneumatic tools, control circuits or any other application requiring either constant or intermittent motion. They include a pigtail on each end for easy fitting installation or connection to other devices. We offer a variety of colors for coding purposes or to be aesthetically compatible with other equipment. Custom colors, sizes and lengths are available – please contact Customer Service.



95A Polyurethane Mini-Coil

Tube O.D.	Tube I.D.	Wall Thickness	Part Number	Coil Dimensions					Color Code		
				Overall Length	Length w/o Tails	Number of Coils	Coil O.D. "B"	Compact Length "C"	Suffix Key		
				inch	inch		inch	inch			
1/8	1/16	0.031	4822_	24	12	6	3/4	3/4	0 = Clear	3 = Blue	6 = Orange
1/8	1/16	0.031	4823_	36	24	12	3/4	1-1/2	1 = Black	4 = Green	7 = Gray
1/8	1/16	0.031	4824_	48	36	18	3/4	2-1/4	2 = Red	5 = Yellow	
1/8	1/16	0.031	4825_	60	48	23	3/4	3			
5/32	3/32	0.031	4812_	24	12	6	7/8	1	0 = Clear	3 = Blue	6 = Orange
5/32	3/32	0.031	4813_	36	24	12	7/8	1-3/4	1 = Black	4 = Green	7 = Gray
5/32	3/32	0.031	4815_	60	48	23	7/8	3-1/2	2 = Red	5 = Yellow	13=Tranparent Blue
5/32	3/32	0.031	4817_	84	72	24	1-1/8	3-3/4			
5/32	3/32	0.031	4810_	120	108	35	1-1/8	5-1/2			
1/4	1/8	0.062	4843_	36	24	6	1-1/2	1-1/2	0 = Clear	3 = Blue	6 = Orange
1/4	1/8	0.062	4845_	60	48	12	1-1/2	3	1 = Black	4 = Green	7 = Gray
1/4	1/8	0.062	4847_	84	72	18	1-1/2	4-1/2	2 = Red	5 = Yellow	13=Tranparent Blue
1/4	1/8	0.062	4840_	120	108	26	1-1/2	6-1/2			
3/8	1/4	0.062	4865_	60	48	7	2-1/2	2-3/4	0 = Clear	2 = Red	4 = Green
3/8	1/4	0.062	4860_	120	108	15	2-1/2	5-3/4	1 = Black	3 = Blue	

Mini-Coils are fabricated with precision tubing that can be used with Push-to-Connect fittings and intended for applications where motion and fatigue for non flexible connection is a concern. Supplied with “pigtailes” for connection. All “tails” are 6" long on both ends. 5/32" units of lengths longer than 60" are manufactured with 1-1/8" Coil O.D. for shorter compacted length. Adding a Color Code Suffix to the part number is required. If no color is selected, Clear (0) Color will be supplied. Custom sizes, lengths and colors are available. Please consult the factory with your specifications.

Recommended working length is 85% of the total length.

Ny-Chem™ Kynar®* (PVDF)

Purity and Chemical Resistance

Ny-Chem™ is a flexible, high grade Kynar®* PVDF (Polyvinylidene Fluoride) tubing that is one of the purist of all commercial resins. Ideal for applications where compliance to most agency regulations such as FDA, USDA, USP and NSF are required. Ny-Chem™ is also one of the toughest tubing materials and offers extremely good chemical resistance. As long as high heat is not a consideration, Ny-Chem™ can be used in applications where PTFE was once considered the only option, significantly reducing costs. Ny-Chem™ can also be coiled into a self-storing air hose.

*Kynar® is a registered trademark of Arkema, Inc.

Ny-Chem™ Fractional Inch Tubing

Tube O.D.	Tube I.D.	Part Number	Length Code
inch	inch		Suffix Key
1/4	0.170	K0840-B	B = 50 ft C = 100 ft F = 250 ft G = 500 ft J = 1,000 ft
1/4	0.170	K0840-C	
1/4	0.170	K0840-G	
1/4	0.170	K0840-J	
3/8	0.275	K1240-B	
3/8	0.275	K1240-C	
3/8	0.275	K1240-G	
1/2	0.375	K1640-B	
1/2	0.375	K1640-C	
1/2	0.375	K1640-F	

Colors: Natural

Rectu-Chem™ Metric Tubing

Tube O.D.	Tube I.D.	Part Number	Length Code
mm	mm		Suffix Key
6	4	K0630-B	B = 50 ft C = 100 ft F = 250 ft G = 500 ft J = 1,000 ft
6	4	K0630-C	
6	4	K0630-G	
6	4	K0630-J	
8	6	K0830-B	
8	6	K0830-C	
8	6	K0830-F	
8	6	K0830-G	

Colors: Natural

Ny-Chem™ Mini-Coils

Tube O.D.	Tube I.D.	Part Number	Coil Dimensions				
			Overall Length	Length w/o Tails	Number of Coils	Coil O.D. "B"	Compact Length "C"
inch	inch		inch	inch		inch	inch
1/4	0.170	K0840_-036	36	24	6	1-5/8	1-5/8
1/4	0.170	K0840_-060	60	48	12	1-5/8	3-3/4
1/4	0.170	K0840_-084	84	72	18	1-5/8	5-5/8

Colors: Natural

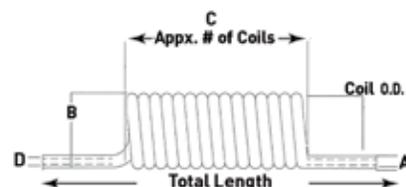


Kynar®* Property Overview

- Tasteless and Odorless
- Good Chemical Resistance
- Complies with USDA, FDA and Sanitary Standards for PVDF
- Low Permeability
- Low Outgassing
- Meets NSF Standard 61
- Meets UL 94 V-O Flame Retardant Requirements
- Temperature Range: -40°F to +250°F (-40°C to +121°C)

Typical Applications

- Food & Beverage
- Medical
- Pharmaceutical
- Semiconductor (High Purity Process Applications)



Tubing Accessories

Tube Cutters

	Part Number
Tube Cutter	60001
Release Tool	60002
Replacement Blades, 10 pack	60004

- Exclusive “positive stop” handle makes it easy to hold the cutter in the open position
- Specially angled handle (not just enlarged ends) allow a firm grip, minimizing the possibility of it accidentally “flying” out of the user’s hand
- Large, ribbed handle further adds to the secure, yet comfortable, grip
- Rugged construction and ergonomic design combine to permit cutting up to 3/4" tubing or hose with minimum effort
- Corrosion resistant hardened steel blade assures straight, crisp cuts for optimum fitting connection
- Replacement blades can be installed in seconds using only a screwdriver
- Provision for leash attachment conveniently located on both sides of the handle – will not interfere with cutter operation



Spiral Wrap

O.D.	Wall Thickness	Part Number	Bundle Range	Length	Color
inch	inch		inch		
1/4	0.040	60020	3/16 - 2	25' (bag)	Natural
1/2	0.062	60022	3/8 - 4	25' (bag)	Natural
1/2	0.062	60023	3/8 - 4	25' (bag)	Black

Note: Up to 1000' lengths available - please contact Customer Service

Spiral Wrap is a Polyethylene Tubing that is specially cut to expand and wrap around loose wiring/tubing in order to make one neat and tangle free bundle. Spiral Wrap also act as as a protective jacket to prevent abrasion or damage from other sources in the surrounding area. The special angled cut of the tubing is rounded, allowing it to be easily and safely wrapped around a bundle of tubes or wires without cutting the contents. Spiral Wrap is available with a 1/4” outside diameter to accommodate 3/16” to 2” bundles and with a 1/2” outside diameter for 3/8” to 4” bundles. Black spiral wrap tubing is UV resistant.



Specialty Engineered Products

To meet your unique applications, Nycoil offers value added custom made products. Contact Customer Service for details.

CAPILLARY TUBING



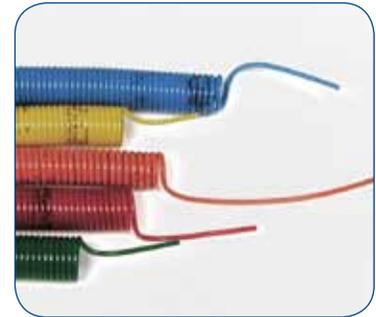
Application:
Injection Lube Systems

CREEL TUBING



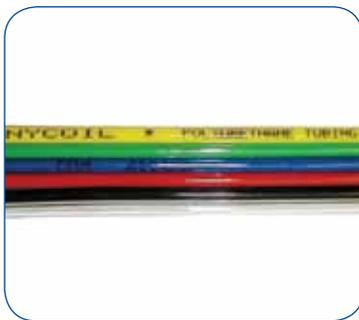
Application:
Textiles & Carpet

CUSTOM COILS



Different leg lengths, colors
& sizes available.

CUSTOM STRAIGHT BOND TUBING



Different lengths, colors,
sizes & assemblies available.

CUSTOM COILED BOND TUBING



Custom color sequences and coil
lengths to your requirements.

PNEUMATIC TUBING

TECHNICAL	BLOW GUN/ACCESS.	COUPLERS	HOSE	FILTER, REGULATOR & LUBRICATOR	BALL VALVES	FITTINGS	TUBING
-----------	------------------	----------	------	--------------------------------	-------------	----------	--------