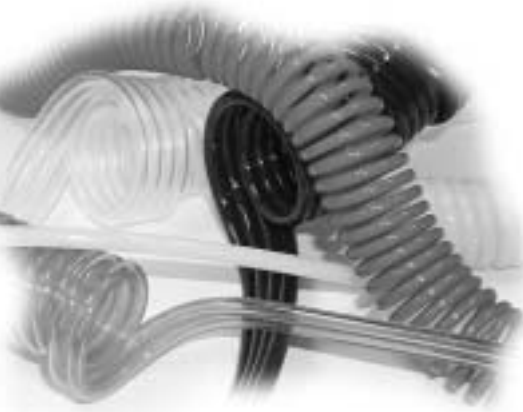


Coil Drop Tubing

Features

- Ideal for use with small air tools, nut runners, blow guns, robotic and pneumatic pick and place equipment
- Numerous colors available
- Single or Multi-Bore ribbon tube configurations available



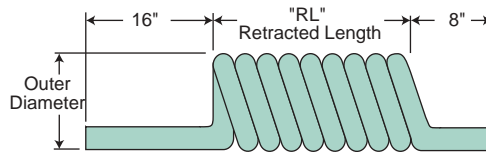
Flexibility and outstanding memory make Polyurethane an ideal material to form into self storing coils. Polyurethane coils are less fatiguing to use, resist abrasion, kink damage and overstretching. Standard sized coils have two straight “tails” (8” and 16”) to position tubing away from tools.

Custom Coils

Polyconn will supply custom coiled tubing and hose products.

When designing a custom coil please contact our customer service representative with the following information:

1. Working length
2. Tube size: ID & OD
3. Tubing Compound
4. Tail Lengths (if any)
5. Color
6. Quantity
7. Considerations that may need to be specified
 - a. retractable length if it is more important than working length
 - b. coil diameter of retracted coil, if critical
 - c. type of fittings required
 - d. unusual tail directions
 - e. custom printing required
 - f. jacketed bundle coils will require a complete description of all components bundled; include placement of sizes and colors and length of overhang if extended past jacketing material.



Specifications: Single Tube Drop

Part Number	OD	ID	Material Length	Working Length	Retracted Length	Coil Outer Diameter	Color Code	Working Pressure (psi)	
								+75°F	+150°F
85A SINGLE PCD1-125BR10-*	1/8	1/16	10'	8'	8"	3/8"	0, 2, 4, 27	130	65
85A SINGLE PCD1-250BR10-*	1/4	1/8	10'	8'	9-1/4"	3/4"	0, 2, 3, 4, 5 6, 8, 25, 27	126	77
90A SINGLE PCD1-250PB10-*	1/4	.159	10'	8'	9-1/4"	3/4"	0, 2, 4, 9	107	53
90A SINGLE PCD1-375PB10-*	3/8	1/4	10'	8'	8"	1-1/4"	0, 2, 3, 4,	103	50
PCD1-375PB25-*			25'	20'	22"		6, 9, 27		

Specifications: Multi-Bore Drop

Part Number	OD	ID	Material Length	Working Length	Retracted Length	Coil Outer Diameter	Color Code	Working Pressure (psi)	
								+75°F	+150°F
90A TWIN PCD2-125PB7-*	1/8	1/16	7'	5'	6"	3/4"	2, 14	130	65
85A TWIN PCD2-250BR10-*	1/4	1/8	10'	8'	12-1/2"	1"	0, 2, 3, 8, 27	126	77
85A TRIPLE PCD3-250BR10-*	1/4	1/8	10'	8'	16"	1-1/4"	0, 2	126	77
85A QUAD PCD4-250BR10-*	1/4	1/8	10'	7'	21"	1-1/4"	2	126	77

All measurements in inches unless otherwise noted

Terms to Know:

Material memory: Polyurethane and nylon offer superior thermostet memory, however, Polyethylene or PVC may be used for reasons such as cost or chemical compatibility.

Retractability: Material memory leads to retractability including factors of wall thickness and mass weight (heavier the coil weight, the more difficult for the coil to retract).

Coil Diameter: an important factor in retractability; a tighter coil diameter produces a more retractable coil. Coil diameter minimums are limited by tubing flexibility. Balance between retractability and usability results in a self-storing easy to stretch and use coil.

Working Length: of a coil is usually a percentage of the total tubing length. It may be

necessary to experiment with working lengths to produce a coil that can be stretched and used comfortably. Polyurethane features flexibility allowing a working length of 80-90% the actual material length; nylon, a more rigid tubing, has a working length that is 67-75% the total tubing length.

Retracted Length: length of coil not including 'pig' tails. Retracted length or outer coil diameter may be important in applications where the coil rests over a pole or retracts into a box.

Tails: Standard sized Polyurethane coils have two straight "tails" (8" and 16"). Tails ease use of coils with small diameters. Nylon tails are not standard- rather coils are produced from 100 foot bulk length coils, if tail length is required- supply measurement for quote.

Coil Drop Tubing

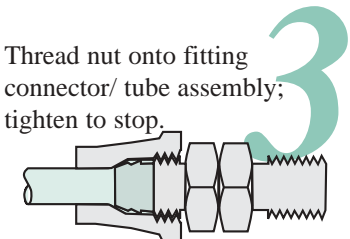
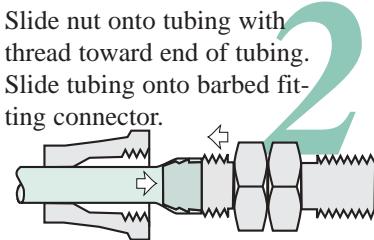
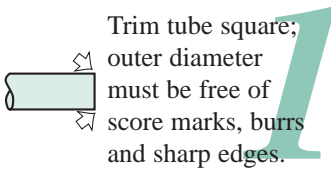
Features: Single Tube Drop with Reusable Fittings

- Ideal for tough air tool hose requirements
- Extremely flexible, kink resistant tubing with excellent memory
- Recoil that lasts and lasts
- Easy to replace fittings
- 95A Polyurethane



1/4 NPT and 3/8 NPT reusable swivel fittings (both ends) factory assembled with Polyurethane coils expedite field installation. Polyurethane coils are less fatiguing to use, resist abrasion, kink damage and overstretching.

Reusable Fittings



The reusable fitting features a simple two piece design that does not require inserts or compression sleeves. All swivel fittings have pre-applied thread sealant and are recommended for field replacement and are easy to install.

CAUTION:
Swivel fittings will NOT withstand heavy loads imparted by impact tools.

FITTING, SWIVEL

Part No.	NPT(M)	ID	Pkg
PCMSR-22	1/4	.160 ID	1
PCMSR-44	1/4	.245 ID	1
PCMSR-64	1/4	3/8 ID	1
PCMSR-66	3/8	3/8 ID	1

Specifications: Single Tube Drop with Reusable Fittings

Product	Temp. Range	Vacuum Rating	Hose Tolerances	Tube Markings	Working Pressure	Working Length
Polyurethane Hose Coils	-40°F to +125°F	to 28" Hg	1/4"-9/16" ±.005 3/4" ±.007	Specs.	125 psi @75°	80-90% of material length

Part Number	OD	ID	Material Length	Retracted Length	Coil Outer Diameter	NPT Fitting	Color Code	Approx. Weight (Lbs)
PCCF-250D2-*	1/4	.160	10'	6-1/2"	1-1/2"	Reusable Fittings 1/4 NPT	4, 6, 46	.29
PCCF-250D3-*			15'	9-3/4"				.37
PCCF-250D4-*			20'	14"				.46
PCCF-250D5-*			25'	18-3/4"				.54
PCCF-375D-*	3/8	1/4	5'	2-1/2"	2-1/2"	Reusable Fittings 1/4 NPT	3, 4, 6, 27, 46	.29
PCCF-375D2-*			10'	6"				.41
PCCF-375D3-*			15'	9-1/2"				.59
PCCF-375D4-*			20'	13"				.74
PCCF-375D5-*			25'	16"				.88
PCCF-562D2-*	9/16	3/8	10'	5-1/2"	4-1/8"	Reusable Fittings 3/8 NPT	3, 4, 6, 27, 46	1.00
PCCF-562D3-*			15'	8-1/2"				1.40
PCCF-562D4-*			20'	11"				1.85
PCCF-562D5-*			25'	14"				2.25
PCCF-750D2-*	3/4	.467	10'	7"	5"	Reusable Fittings 1/2 NPT	4, 6, 46	2.14
PCCF-750D3-*			15'	11-1/2"				2.95
PCCF-750D4-*			20'	16"				3.77
PCCF-750D5-*			25'	18"				4.60

Working pressure is calculated using a 3 to 1 safety factor.

Measurements in inches unless otherwise noted

Note:

Standard sized coils have two straight "tails" (8" and 16") with reusable swivel fittings on both ends