

Purflex[®], Flexi-Corr[™] & Asepsi-Flex[®]

Specifications

Temperature Range

Purflex

-40°F to +165°F

Flexi-Corr

-20°F to +160°F

Asepsi-Flex

-30°F to +150°F

Vacuum Rating

To 28" Hg.

Diameter Tolerances

Purflex

±.005"

Working Pressure

Purflex

4:1 Safety Factor

UV Stabilized

Purflex

Yes

Flexi-Corr

Yes

Resin Compliance

Purflex

NSF61, USPVI,
Meets UL94HB

Flexi-Corr

FDA

Suggested Fittings

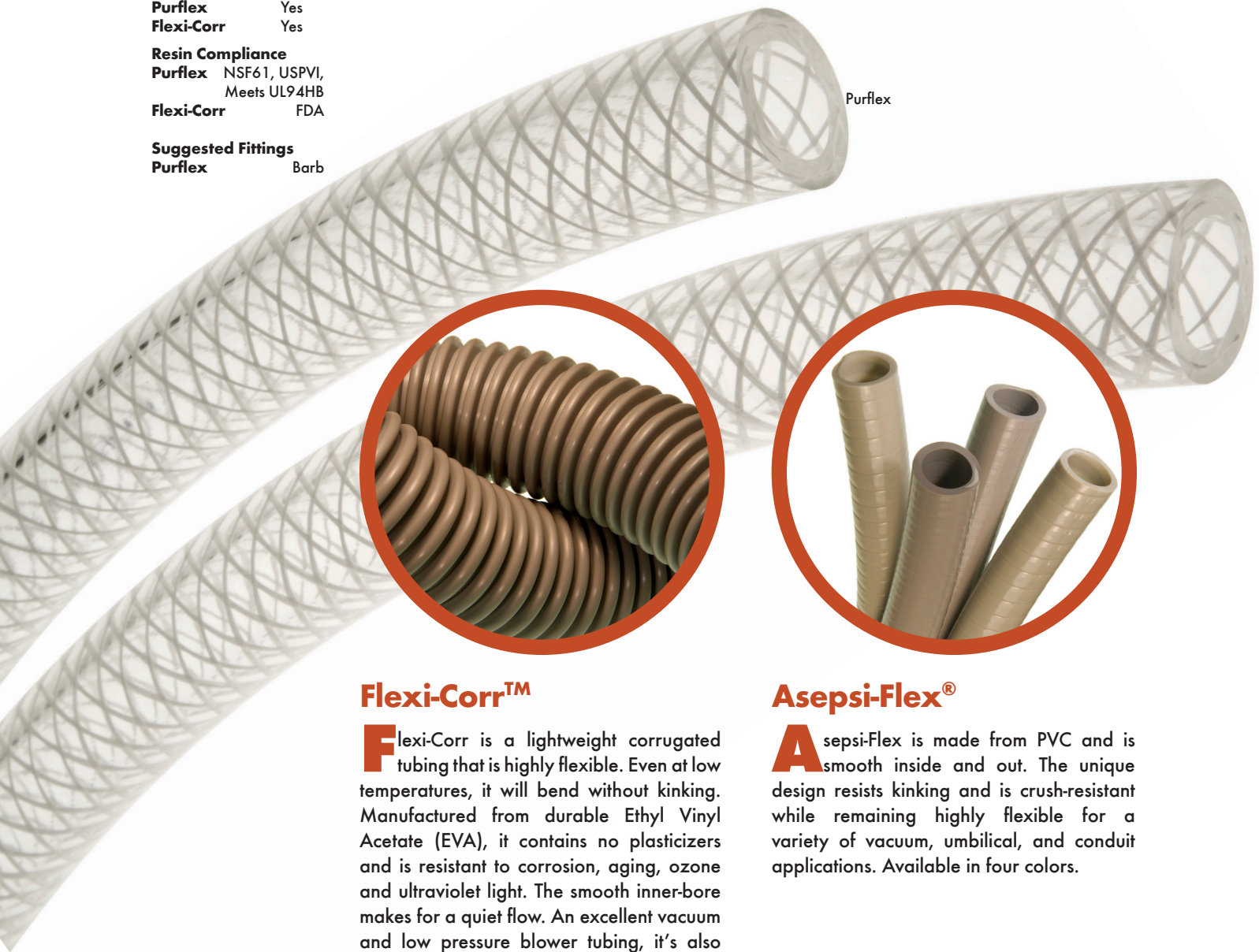
Purflex

Barb

Purflex[™] is a clear, heavy-wall, 85A durometer polyurethane hose reinforced with a tough nylon innerbraid. The reinforcement provides a greater working pressure while maintaining flexibility and kink resistance. The Ether-based compound is ideal for transferring abrasive materials or media that would be damaging to PVC and other hoses.

Features

- Resistant to abrasion, oils, and fungus.
- Tough; withstands constant flexing.
- Light weight.
- Very flexible in subzero temperatures.
- Bondable into multi-ribbon hoses.
- Retains original values; does not harden or crack with age.



Flexi-Corr[™]

Flexi-Corr is a lightweight corrugated tubing that is highly flexible. Even at low temperatures, it will bend without kinking. Manufactured from durable Ethyl Vinyl Acetate (EVA), it contains no plasticizers and is resistant to corrosion, aging, ozone and ultraviolet light. The smooth inner-bore makes for a quiet flow. An excellent vacuum and low pressure blower tubing, it's also commonly used as a conduit for bundling assortments of tubing and wiring.

Asepsi-Flex[®]

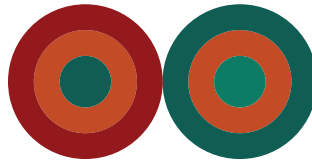
Asepsi-Flex is made from PVC and is smooth inside and out. The unique design resists kinking and is crush-resistant while remaining highly flexible for a variety of vacuum, umbilical, and conduit applications. Available in four colors.

Purflex® Reinforced Polyurethane Hose

Part Number & Color Code	Packaging Unit Size	OD	ID	Wall	Available Only in Clear	Working Pressure		lbs./100'	Bend Radius	Fitting
						75°F/25°C	150°F/65°C			
1A-800-10 1E-800-10	100' Reel Cut Length	.470"	1/4"	.110"		230 PSI	150 PSI	6.0	3/4"	B
1A-801-10 1E-801-10	100' Reel Cut Length	.630"	3/8"	.127"		155 PSI	100 PSI	9.9	1-1/2"	B
1A-802-10 1E-802-10	100' Reel Cut Length	.750"	1/2"	.125"		125 PSI	80 PSI	12.0	2"	B
1A-803-10 1E-803-10	100' Reel Cut Length	.905"	5/8"	.140"		105 PSI	70 PSI	16.4	2-3/4"	B
1A-804-10 1E-804-10	100' Reel Cut Length	1.025"	3/4"	.137"		90 PSI	60 PSI	18.6	3"	B
1A-805-10 1E-805-10	100' Reel Cut Length	1.300"	1"	.150"		75 PSI	50 PSI	26.2	5"	B



Variations Available:

Coiling • Cutting • Bonding • Printing • Packaging • Sizes



Flexi-Corr Cuff

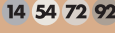

Flexi-Corr™ Corrugated Hose

Part Number & Color Code	Packaging Unit Size	ID	Standard Colors	Working Pressure 75°F/25°C	lbs./100'	Max Vacuum	Part Number for Cuffs
1E-047- ____ 1F-047- ____	25' Length 50' Length	1/2"		15 PSI	6.8	29 Hg	OC-012
1E-053- ____ 1F-053- ____	25' Length 50' Length	5/8"		15 PSI	8.7	29 Hg	OC-058
1E-054- ____ 1F-054- ____	25' Length 50' Length	3/4"		15 PSI	10.0	29 Hg	OC-034
1E-055- ____ 1F-055- ____	25' Length 50' Length	1"		15 PSI	14.0	29 Hg	OC-100
1E-056- ____ 1F-056- ____	25' Length 50' Length	1-1/4"		13 PSI	20.0	29 Hg	OC-114
1E-057- ____ 1F-057- ____	25' Length 50' Length	1-1/2"		9 PSI	26.0	29 Hg	OCH-112
1E-058- ____ 1F-058- ____	25' Length 50' Length	1-3/4"		7 PSI	34.0	28 Hg	N/A
1E-093- ____ 1F-093- ____	25' Length 50' Length	2"		5 PSI	52.0	20 Hg	OC-200

Variations Available:

Cutting • Packaging

Asepsi-Flex® PVC Vacuum Hose

Part Number & Color Code	Packaging Unit Size	ID	Standard Colors	Maximum Vacuum
1E-501- ____ 1F-501- ____	25' Length 100' Length	1/2"		29 Hg.
1E-625- ____ 1F-625- ____	25' Length 100' Length	5/8"		29 Hg.

Variations Available:

Cutting • Packaging

Flexeel® Polyurethane Reinforced Hose is an excellent alternative to much bulkier rubber hoses. Extremely lightweight and tough, it is ideal for either outdoor or indoor use. Flexeel retains its flexibility even in cold environments.

Flexeel®

Specifications

Temperature Range
-40°F to +165°F

Pressure Rating 70°F
200 P.S.I.

Vacuum Rating
To 28" Hg.

Diameter Tolerances
1/4" - 5/16" ±.005"
3/8" - 1/2" ±.010"

Working Pressure
4:1 Safety Factor

UV Stabilized Yes

Resin Compliance
NSF61, USPV1, UL94HB

Suggested Fittings
Reusable with Strain Relief

Features

- Withstands constant flexing, even in subzero conditions.
- Kink & abrasion resistant.
- Much lighter than other comparably sized hoses.
- Very small bend radius.
- Resistant to chemicals, water, fuel, oil and fungus.
- Non-marring to furniture and auto finishes.

* In addition to color choice, select fittings for both ends of the coil.



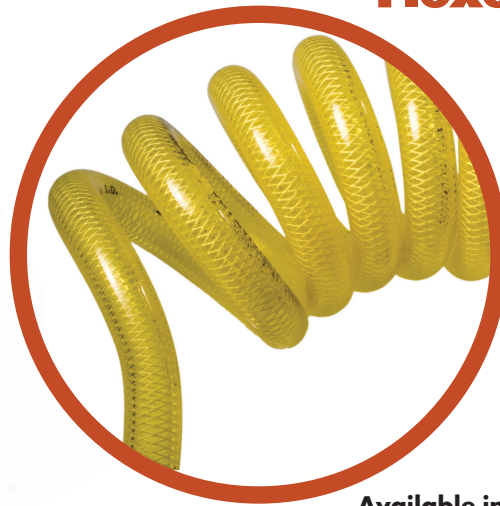
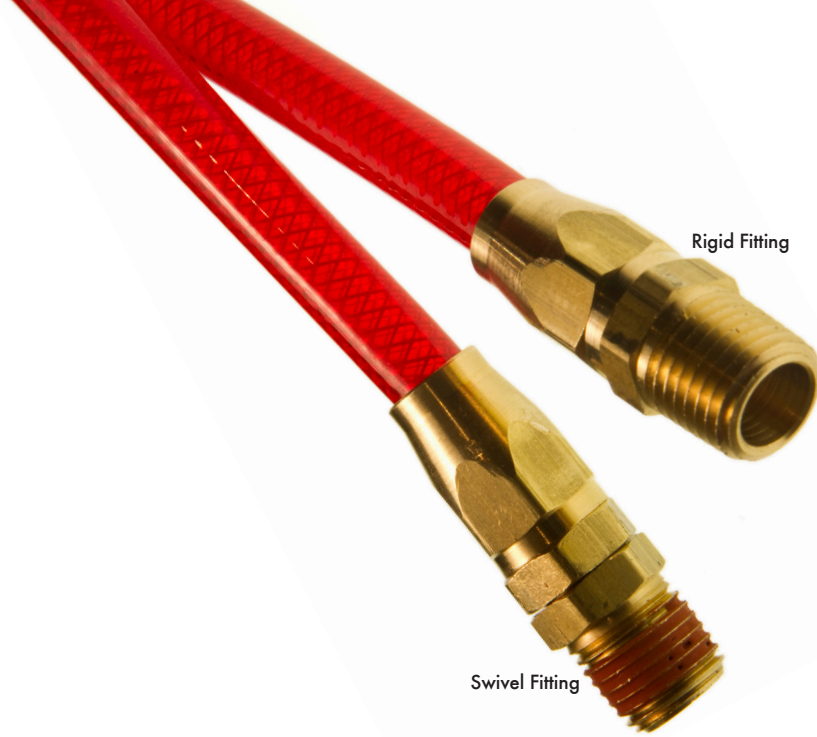
Rigid Fitting with Strain Relief

Flexeel® 85A Polyurethane Straight Hose

Part Number & Color Code	Packaging Unit Size	OD	ID	Standard Colors	Bend Radius	Fitting
PFE4025						None
PFE40254	25'	3/8"	1/4"	T TR TY	7/8"	Reusable Strain Relief 1/4 MPT
PFE40256						Reusable Strain Relief 3/8 MPT
PFE4050						None
PFE40504	50'	3/8"	1/4"	T TR TY	7/8"	Reusable Strain Relief 1/4 MPT
PFE40506						Reusable Strain Relief 3/8 MPT
PFE4100						None
PFE41004	100'	3/8"	1/4"	T TR TY	7/8"	Reusable Strain Relief 1/4 MPT
PFE41006						Reusable Strain Relief 3/8 MPT
PFE4500	500'	3/8"	1/4"	T TR TY	7/8"	None
PFE42000	2000'	3/8"	1/4"	T TR TY	7/8"	None
PFE5025		.473"	5/16"	T TR TY	1 1/4"	None
PFE50254	25'	.473"	5/16"	T TR TY	1 1/4"	Reusable Strain Relief 1/4 MPT
PFE5050		.473"	5/16"	T TR TY	1 1/4"	None
PFE50504	50'	.473"	5/16"	T TR TY	1 1/4"	Reusable Strain Relief 1/4 MPT
PFE5100		.473"	5/16"	T TR TY	1 1/4"	None
PFE51004	100'	.473"	5/16"	T TR TY	1 1/4"	Reusable Strain Relief 1/4 MPT
PFE5250	250'	.473"	5/16"	T TR TY	1 1/4"	None
PFE51500	1500'	.473"	5/16"	T TR TY	1 1/4"	None
PFE6025						None
PFE60254	25'	9/16"	3/8"	T TR TY	1 1/2"	Reusable Strain Relief 1/4 MPT
PFE60256						Reusable Strain Relief 3/8 MPT
PFE6050						None
PFE60504	50'	9/16"	3/8"	T TR TY	1 1/2"	Reusable Strain Relief 1/4 MPT
PFE60506						Reusable Strain Relief 3/8 MPT
PFE6100						None
PFE61004	100'	9/16"	3/8"	T TR TY	1 1/2"	Reusable Strain Relief 1/4 MPT
PFE61006						Reusable Strain Relief 3/8 MPT
PFE6200	200'	9/16"	3/8"	T TR TY	1 1/2"	None
PFE61000	1000'	9/16"	3/8"	T TR TY	1 1/2"	None
PFE8025		.700"	.440"	T	1 5/8"	None
PFE80258	25'	.700"	.440"	T	1 5/8"	Reusable 1/2 MPT
PFE8050		.700"	.440"	T	1 5/8"	None
PFE80508	50'	.700"	.440"	T	1 5/8"	Reusable 1/2 MPT
PFE8100		.700"	.440"	T	1 5/8"	None
PFE81008	100'	.700"	.440"	T	1 5/8"	Reusable 1/2 MPT
PFE8200	200'	.700"	.440"	T	1 5/8"	None
PFE8500	500'	.700"	.440"	T	1 5/8"	None

Variations Available:

Coiling • Colors • Cutting • Bonding • Printing • Packaging • Sizes



Available in:

- T** Transparent Blue
- TR** Transparent Red
- TY** Transparent Yellow

Flexeel® 85A Polyurethane Coiled Hose

Reusable Fittings – with Strain Relief										
Part Number, Fitting & Color Code	Fitting Options	Standard Colors	Material Length	Working Length	Retracted Length	OD	ID	Coil OD	Working Pressure	Weight
PUE14-10	__ = (2) 1/4" Rigid		10'	8.5'	9"					.41 lbs.
PUE14-15	A= (1) 1/4" Rigid &		15'	12.5'	14.5"					.59 lbs.
PUE14-20	(1) 1/4" Swivel	T TR TY	20'	17'	19.5"	3/8"	1/4"	1 3/4"	200 PSI	.74 lbs.
PUE14-25	B= (2) 1/4" Swivel		25'	21'	26.5"					.88 lbs.
	6= (2) 3/8" Rigid									
PUE516-10	__ = (2) 3/8" Rigid		10'	8.5'	9.5"					.68 lbs.
PUE516-15	A= (1) 3/8" Rigid &		15'	12.5'	15.5"					.89 lbs.
PUE516-20	(1) 3/8" Swivel	T TR TY	20'	17'	21"	.473"	5/16"	2 3/16"	200 PSI	1.11 lbs.
PUE516-25	B= (2) 3/8" Swivel		25'	21'	26.5"					1.32 lbs.
PUE38-10	4= (2) 1/4" Rigid		10'	8.5'	10.5"					1.00 lbs.
PUE38-15	__ = (2) 3/8" Rigid		15'	12.5'	16.7"					1.40 lbs.
PUE38-20	A= (1) 3/8" Rigid &	T TR TY	20'	17'	23"	9/16"	3/8"	2 7/8"	200 PSI	1.85 lbs.
PUE38-25	(1) 3/8" Swivel		25'	21'	29"					2.25 lbs.
	B= (2) 3/8" Swivel									

Reusable Fittings – No Strain Relief										
Part Number, Fitting & Color Code	Fitting Options	Standard Colors	Material Length	Working Length	Retracted Length	OD	ID	Coil OD	Working Pressure	Weight
PRE14-10	__ = (2) 1/4" Rigid		10'	8.5'	9"					.41 lbs.
PRE14-15	A= (1) 1/4" Rigid &		15'	12.5'	14.5"					.59 lbs.
PRE14-20	(1) 1/4" Swivel	T TR TY	20'	17'	19.5"	3/8"	1/4"	1 3/4"	200 PSI	.74 lbs.
PRE14-25	B= (2) 1/4" Swivel		25'	21'	26.5"					.88 lbs.
PRE516-10	__ = (2) 3/8" Rigid		10'	8.5'	9.5"					.68 lbs.
PRE516-15	4= (2) 1/4" Swivel		15'	12.5'	15.5"					.89 lbs.
PRE516-20	B= (2) 3/8" Swivel	T TR TY	20'	17'	21"	.473"	5/16"	2 3/16"	200 PSI	1.11 lbs.
PRE516-25	__ = (2) 3/8" Swivel		25'	21'	26.5"					1.32 lbs.
PRE38-10	4A= (1) 1/4" Rigid &		10'	8.5'	10.5"					1.00 lbs.
PRE38-15	(1) 1/4" Swivel		15'	12.5'	16.7"					1.40 lbs.
PRE38-20	4B= (2) 1/4" Swivel	T TR TY	20'	17'	23"	9/16"	3/8"	2 7/8"	200 PSI	1.85 lbs.
PRE38-25	__ = (2) 3/8" Rigid		25'	21'	29"					2.25 lbs.
	A= (1) 3/8" Rigid &									
	(1) 3/8" Swivel									

Variations Available:

Colors • Cutting • Bonding • Printing • Packaging • Sizes

* In addition to color choice, select fittings for both ends of the coil.

USA & International: 503-434-5561

US Toll Free: 888-373-9233



Flexcoil® is the original tangle free coiled hose. It's made from Freelin-Wade's own Fre-Thane® Polyurethane. Just like our other Fre-Thane tubing, it resists abrasion and kinking. Of course it always springs back to its original shape. Flexcoil is ideal for use with air tools, blow guns, impact wrenches and nailers. It's a great way to keep your work area organized and safe. Standard sized coils have two straight "tails" (8" and 16") to position tubing away from tools.

Flexcoil®

Specifications

Temperature Range
-40°F to +125°F

Vacuum Rating
To 28" Hg.

Diameter Tolerances
1/4" - 9/16" ±.005"

Hardness
95A

Working Pressure
3:1 Safety Factor

Working Length
80-90% of Material Length

Resin Compliance
95A: NSF61
Meets UL94HB

Variations

Flexcoil variations are easy. If you don't see the color or length that you want, just ask us. We can configure Flexcoil to perfectly match your requirements.

Available in:

- Blue
- Red
- Transparent Blue
- Neon Green
- Yellow



Rigid Fitting with Strain Relief

Swivel Fitting with Strain Relief

Flexcoil® Coiled Polyurethane with Reusable Strain Relief Fittings

Part Number, Fitting & Color Code	Fitting Options	Standard Colors	Material Length	Working Length	Retracted Length	OD	ID	Coil OD	Working Pressure	Weight
PU316-5	— (2) 1/4" Rigid		5'	4'	2"					.23 lbs.
PU316-10	— (2) 1/4" Rigid		10'	8'	6"					.34 lbs.
PU316-15	A= (1) 1/4" Rigid & (1) 1/4" Swivel	B G R Y T	15'	12.5'	10 1/4"	5/16"	3/16"	1 7/8"	160 PSI	.46 lbs.
PU316-20	B= (2) 1/4" Swivel		20'	17'	14 1/2"					.56 lbs.
PU316-25	B= (2) 1/4" Swivel		25'	20'	18 1/2"					.68 lbs.
PU14-5	— (2) 1/4" Rigid		5'	4'	2 1/2"					.23 lbs.
PU14-10	— (2) 1/4" Rigid		10'	8'	6"					.41 lbs.
PU14-15	A= (1) 1/4" Rigid & (1) 1/4" Swivel	B G R Y T	15'	12.5'	9 1/2"					.59 lbs.
PU14-20	B= (2) 1/4" Swivel		20'	17'	13"	3/8"	1/4"	2 1/2"	130 PSI	.74 lbs.
PU14-25	B= (2) 1/4" Swivel		25'	20'	16"					.88 lbs.
PU14-30	6= (2) 3/8" Rigid		30'	25.5'	19"					1.05 lbs.
PU14-50	— (2) 3/8" Rigid		50'	42.5'	32 1/2"					1.50 lbs.
PU516-10	— (2) 3/8" Rigid		10'	8'	7 1/2"					.68 lbs.
PU516-15	— (2) 3/8" Rigid		15'	12.5'	11 1/2"					.89 lbs.
PU516-20	A= (1) 3/8" Rigid & (1) 3/8" Swivel	B G R Y T	20'	17'	15"	15/32"	5/16"	2 15/16"	130 PSI	1.11 lbs.
PU516-25	B= (2) 3/8" Swivel		25'	20'	19"					1.32 lbs.
PU516-30	B= (2) 3/8" Swivel		30'	25.5'	23"					1.52 lbs.
PU38-10	4= (2) 1/4" Rigid		10'	8'	5 1/2"					1.00 lbs.
PU38-15	— (2) 3/8" Rigid		15'	12.5'	8 1/2"					1.40 lbs.
PU38-20	— (2) 3/8" Rigid		20'	17'	11"					1.85 lbs.
PU38-25	A= (1) 3/8" Rigid & (1) 3/8" Swivel	B G R Y T	25'	20'	14"	9/16"	3/8"	4 1/8"	135 PSI	2.25 lbs.
PU38-30	B= (2) 3/8" Swivel		30'	25.5'	17"					2.63 lbs.
PU38-50	B= (2) 3/8" Swivel		50'	42.5'	27 1/2"					3.23 lbs.

Variations Available:

Colors • Printing • Packaging

* In addition to color choice, select fittings for both ends of the coil.

See page 34 for Fre-Thane® coils without fittings.

Available in:

- B Blue
- R Red
- T Transparent Blue
- G Neon Green
- Y Yellow

Flexcoil® Coiled Polyurethane with Reusable Fittings

Part Number, Fitting & Color Code	Fitting Options	Standard Colors	Material Length	Working Length	Retracted Length	OD	ID	Coil OD	Working Pressure	Weight
PR532-10 ___			10'	8'	7"					.29 lbs.
PR532-15 ___			15'	12.5'	9 1/2"					.37 lbs.
PR532-20 ___	B= (2) 1/4" Swivel	B G R Y T	20'	17'	12 1/2"	1/4"	.160"	1 1/2"	150 PSI	.46 lbs.
PR532-25 ___			25'	20'	15 1/2"					.54 lbs.
PR532-30 ___			30'	25.5'	19"					.62 lbs.
PR316-5 ___			5'	4'	2"					.23 lbs.
PR316-10 ___			10'	8'	6"					.34 lbs.
PR316-15 ___	B= (2) 1/4" Swivel	B G R Y T	15'	12.5'	10 1/4"	5/16"	3/16"	1 7/8"	160 PSI	.46 lbs.
PR316-20 ___			20'	17'	14 1/2"					.56 lbs.
PR316-25 ___			25'	20'	18 1/2"					.68 lbs.
PR14-5 ___			5'	4'	2 1/2"					.26 lbs.
PR14-10 ___	___= (2) 1/4" Rigid		10'	8'	6"					.41 lbs.
PR14-15 ___	A= (1) 1/4" Rigid	B G R	15'	12.5'	9 1/2"					.59 lbs.
PR14-20 ___	(1) 1/4" Swivel	Y T	20'	17'	13"	3/8"	1/4"	2 1/2"	130 PSI	.74 lbs.
PR14-25 ___			25'	20'	16"					.88 lbs.
PR14-30 ___	B= (2) 1/4" Swivel		30'	25.5'	19"					1.05 lbs.
PR14-50 ___			50'	42.5'	32 1/2"					1.50 lbs.
PR516-10 ___			10'	8'	7 1/2"					.68 lbs.
PR516-15 ___	4B= (2) 1/4" Swivel	B G R	15'	12.5'	11 1/2"					.89 lbs.
PR516-20 ___	B= (2) 3/8" Swivel	Y T	20'	17'	15"	15/32"	5/16"	2 15/16"	130 PSI	1.11 lbs.
PR516-25 ___			25'	20'	19"					1.32 lbs.
PR516-30 ___			30'	25.5'	23"					1.52 lbs.
PR38-10 ___	4= (2) 1/4" Rigid		10'	8'	5 1/2"					1.00 lbs.
PR38-15 ___	4A= (1) 1/4" Rigid		15'	12.5'	8 1/2"					1.40 lbs.
PR38-20 ___	(1) 1/4" Swivel		20'	17'	11"					1.85 lbs.
PR38-25 ___	4B= (2) 1/4" Swivel	B G R Y T	25'	20'	14"	9/16"	3/8"	4 1/8"	135 PSI	2.25 lbs.
PR38-30 ___	___= (2) 3/8" Rigid		30'	25.5'	17"					2.63 lbs.
PR38-50 ___	A= (1) 3/8" Rigid		50'	42.5'	27 1/2"					3.23 lbs.
PR12-10 ___	(1) 3/8" Swivel	Y T	10'	8'	7"					2.14 lbs.
PR12-15 ___			15'	12.5'	11 3/4"					2.95 lbs.
PR12-20 ___	B= (2) 1/2" Swivel	B G R Y T	20'	17'	16 1/2"	3/4"	.467"	4.5"	155 PSI	3.77 lbs.
PR12-25 ___			25'	20'	23"					4.60 lbs.
PR12-30 ___			30'	25.5'	28"					5.35 lbs.
PR12-50 ___			50'	42.5'	40"					7.75 lbs.

Variations Available:

Colors • Printing • Packaging

* In addition to color choice, select fittings for both ends of the coil.

Nylon Coiled Hose

Freelin-Wade's Nylon coiled tubing is tough and abrasion resistant. The hoses are fitted with durable brass male swivel compression fittings and spring guards that are preassembled on each hose end. Bulk hoses are offered in 100 foot lengths for users wanting to assemble their own hoses.

Our Nylon Twin Hose (pictured below) has all of the same features but with the added benefit of two hoses bonded together. An intermittent bond allows for easy fitting installation and eliminates taping or tie wrapping hoses together in twin line applications. One line is yellow and the second is a natural translucent color which allows for visual flow verification.

The difference between the Self-Storing Hose and the Mini Coils is that the Self-Storing Hose includes fittings.



Features

- Economical and lightweight.
- Self retracting.
- Resists oil, grease and corrosion.
- Pre-sealed threads on swivel fittings.

Specifications

Temperature Range
-60°F to +180°F

Vacuum Rating
To 28" Hg.

Diameter Tolerances
±.004"

Working Pressure
4:1 Safety Factor

Tube Markings
FW Specifications

Resin Compliance
Meets UL94HB
Testing Requirements



Nylon Self-Storing Hose

Part Number & Color Code	OD	ID	Working Pressure		Material Length	Working Length	Retracted Length	Coil OD	MPT Fitting	Approx. Weight
			75°F/25°C	150°F/65°C						
N14-12B					12'	9'	5-1/4"		1/4"	.375 lbs.
N14-25B	.309"	1/4"	185 PSI	110 PSI	25'	19'	10"	3-1/2"	1/4"	.62 lbs.
N14-50B					50'	37.5'	19-3/4"		1/4"	.937 lbs.
N14-100					100'	75'	39-1/2"		none	1.37 lbs.
N38-12B					12'	9'	4-1/2"		3/8"	.687 lbs
N38-25B	.470"	3/8"	165 PSI	100 PSI	25'	19'	9"	5-5/8"	3/8"	1.62 lbs.
N38-50B					50'	37.5'	18-1/4"		3/8"	1.75 lbs.
N38-100					100'	75'	36-3/4"		none	4 lbs.
N12-12B					12'	9'	4-1/4"		1/2"	.375 lbs.
N12-25B	.625"	1/2"	170 PSI	110 PSI	25'	19'	8-1/2"	9"	1/2"	.562 lbs.
N12-50B					50'	37.5'	15-1/2"		1/2"	.937 lbs.
N12-100					100'	75'	31-1/2"		none	1.37 lbs

Variation Available:

Packaging

Nylon Mini Coils

Specifications

Temperature Range
-60°F to +180°F

Vacuum Rating
To 28" Hg.

Tube Diameter Tolerances
±.004

Tube Markings
FW Specifications

Freelin-Wade's Nylon Mini Coils have two inch integral pigtailed on each end. This allows for instant push-to-connect or standard compression fittings to be used. These small diameter coils are flexible and easy to handle. They are ideal for small pneumatic tools and robotic applications. Our Mini Coils are made from tough abrasion resistant Nylon.

Variations are easy. If you don't see the color or length that you want. Just ask us. We can configure Nylon Mini Coils to perfectly match your requirements.



Nylon Mini Coils

Part Number & Color Code	OD	ID	Standard Colors	Working Pressure		Material Length	Working Length	Retracted Length	Coil OD
				75°F/25°C	150°F/65°C				
N1063- ___						4.4'	3-1/2'	3"	
N1066- ___	5/32"	.106"	01 03 05 06 07 08 09 10	298 PSI	179 PSI	8.8'	7'	6"	1.312"
N10612- ___						17.5'	14'	12"	
N10624- ___						35'	28'	24"	
N1706- ___						5'	4'	6"	
N1709- ___						6.9'	5-1/2'	9"	
N17012- ___	1/4"	.170"	01 03 05 06 07 08 09 10	280 PSI	170 PSI	9.4'	7-1/2'	12"	1.750"
N17024- ___						19.4'	15-1/2'	25"	
N17036- ___						28'	22-1/2'	36"	

Variations Available:

Colors • Printing • Packaging • Sizes

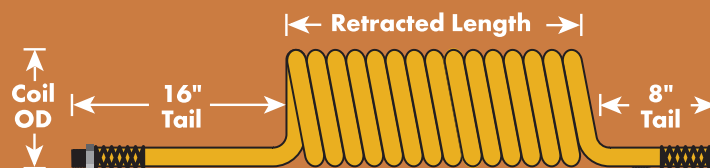
Coil Terminology

Coil Diameter plays a very significant role in retractability. The smaller and tighter the coil diameter, the snappier and more retractable the coil becomes.

Working Length is based on how far a coil can be stretched and used comfortably. Tail length is factored into working length.

Retracted Length is the length of the coiled section of the body of the coil. It does not include the length of tails.

Tails (or Pigtailed) make it easier to use a coil. Our standard tail lengths are 8" and 16". Coils with longer or shorter tails are available.



Fre-Thane® Polyurethane Coils



Fre-Thane® polyurethane coils possess outstanding memory, a soft feel and superior flexibility. These coils are extraordinarily tough and resistant to abrasion, overstretching, kinking and repeated flexing. Freelin-Wade's coils have two straight tails, one that is 8" long and the other that is 16" long.

Variations are easy. If you don't see the color or length that you want, just ask us. We can configure Fre-Thane® Coils to perfectly match your requirements.

Specifications

Temperature Range
-40°F to +125°F

Vacuum Rating
To 28" Hg.

Diameter Tolerances
±.005"

Working Pressure
3:1 Safety Factor

UV Stabilized
85A

Resin Compliance
See Page 8 for Fre-Thane Compliances

Suggested Fittings
Barb, Push-In (95A)

Fre-Thane® Single Tube Polyurethane Coils

Part Number & Color Code	OD	ID	DUR	Standard Colors	Working Pressure		Material Length	Working Length	Retracted Length	Coil ID
					75°F/25°C	150°F/65°C				
1W-013-__	1/8"	.066"	85A	01 02 04 05 06 07 08 09 10 11 12 14 25 26 27 28 29 32 45 46	115 PSI	45 PSI	10'	8'	8"	3/8"
1W-025-__	1/4"	1/8"	85A	01 04 05 06 07 08 09 10 11 25 26 27 28	125 PSI	50 PSI	10'	8'	5"	3/4"
1W-132-__	1/4"	.159"	90A	01 07 08 10 14 25 27	115 PSI	45 PSI	10'	8'	9.25"	3/4"
1W-005-__	3/8"	.245"	90A	01 05 07 10 11 25 27	105 PSI	40 PSI	10'	8'	7.5"	1-1/4"
1Z-005-__							25'	20'	22"	
1W-151-__	1/4"	.16"	95A				10'	8'	7"	
1X-151-__	1/4"	.16"	95A	01 04 05 06 07 08 09 10 11 25 26	155 PSI	60 PSI	15'	12.5'	9.5"	1"
1Y-151-__	1/4"	.16"	95A	27 28			20'	17'	12.5"	
1Z-151-__	1/4"	.16"	95A				25'	20'	15.5"	
1W-152-__	3/8"	.245"	95A				10'	8'	6"	
1X-152-__	3/8"	.245"	95A				15'	12.5'	9.5"	1-3/4"
1Y-152-__	3/8"	.245"	95A	01 05 06 07 08 10 11 25 27 28 46	20'	17'	13"			
1Z-152-__	3/8"	.245"	95A				25'	20'	16"	

Variations Available:

Colors • Cutting • Bonding • Printing • Packaging • Sizes

Metric Fre-Thane® Single Tube Polyurethane Coils

Part Number & Color Code	OD	ID	DUR	Standard Colors	Working Pressure		Material Length	Working Length	Retracted Length	Coil ID	Tail Length
					75°F/25°C	150°F/65°C					
1W-156-__	4mm	2.4mm	95A				3.05 M	2.6 M	133.4mm		
1X-156-__	4mm	2.4mm	95A	01 02 04 05 06 07 08 09	210 PSI	85 PSI	4.57 M	3.8 M	216mm	19.1mm 16.99/33.9mm	
1Y-156-__	4mm	2.4mm	95A	10 11 12 25 26 27 28 37			6.1 M	5.2 M	292mm		
1Z-156-__	4mm	2.4mm	95A				7.62 M	6.4 M	381mm		
1W-158-__	6mm	4mm	95A				3.05 M	2.6 M	139.7mm		
1X-158-__	6mm	4mm	95A	01 04 05 06 07 08 09 10	160 PSI	65 PSI	4.57 M	3.8 M	241.3mm	25.4mm 16.9/33.9mm	
1Y-158-__	6mm	4mm	95A	11 25 26 27 37			6.1 M	5.2 M	330mm		
1Z-158-__	6mm	4mm	95A				7.62 M	6.4 M	419mm		
1W-159-__	8mm	5mm	95A				3.05 M	2.6 M	152.4mm		
1X-159-__	8mm	5mm	95A	01 05 06 07 08 10 11 25	190 PSI	75 PSI	4.57 M	3.8 M	254mm	31.8mm 16.99/33.9mm	
1Y-159-__	8mm	5mm	95A	27 37 46			6.1 M	5.2 M	343mm		
1Z-159-__	8mm	5mm	95A				7.62 M	6.4 M	444.5mm		
1W-160-__	10mm	6.5mm	95A				3.05 M	2.6 M	139.7mm		
1X-160-__	10mm	6.5mm	95A	01 05 06 07 08 10 27	170 PSI	70 PSI	4.57 M	3.8 M	228.6mm	44.5mm 16.9/33.9mm	
1Y-160-__	10mm	6.5mm	95A				6.1 M	5.2 M	317.5mm		
1Z-160-__	10mm	6.5mm	95A				7.62 M	6.4 M	406.4mm		

Variations Available:

Colors • Cutting • Bonding • Printing • Packaging • Sizes