Flexcoil®

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.

Specifications

Temperature Range
-40°F to +125°F

Vacuum Rating
To 28" Hg.

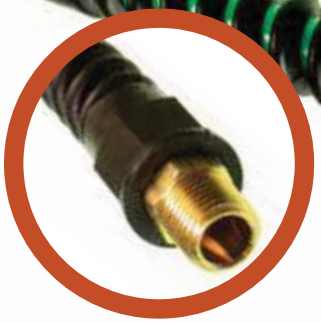
Diameter Tolerances
±.005"

Hardness
95A

Working Pressure
3:1 Safety Factor

Working Length
80-90% of Material Length

Resin Compliance
95A: NSF61
Meets UL94HB



Rigid Fitting with Strain Relief

Swivel Fitting with Strain Relief

Standard Tail Lengths
8" and 16"

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:

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

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 __-__	A= (1) 1/4" Rigid & (1) 1/4" Swivel	B G R Y T	10'	8'	6"					.34 lbs.
PU316-15 __-__	B= (2) 1/4" Swivel		15'	12.5'	10 1/4"	5/16"	3/16"	1 7/8"	160 PSI	.46 lbs.
PU316-20 __-__			20'	17'	14 1/2"					.56 lbs.
PU316-25 __-__			25'	20'	18 1/2"					.68 lbs.
PU14-5 __-__			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	B G R Y T	15'	12.5'	9 1/2"					.59 lbs.
PU14-20 __-__	(1) 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 __-__			50'	42.5'	32 1/2"					1.50 lbs.
PU516-10 __-__	__= (2) 3/8" Rigid		10'	8'	7 1/2"					.68 lbs.
PU516-15 __-__	A= (1) 3/8" Rigid	B G R Y T	15'	12.5'	11 1/2"					.89 lbs.
PU516-20 __-__	(1) 3/8" Swivel		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 __-__			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 __-__	A= (1) 3/8" Rigid	B G R Y T	20'	17'	11"	9/16"	3/8"	4 1/8"	135 PSI	1.85 lbs.
PU38-25 __-__	(1) 3/8" Swivel		25'	20'	14"					2.25 lbs.
PU38-30 __-__	B= (2) 3/8" Swivel		30'	25.5'	17"					2.63 lbs.
PU38-50 __-__			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
- (G) Neon Green
- (R) Red
- (Y) Yellow
- (T) Transparent Blue

Standard Tail Lengths
8" and 16"

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 __-__			10'	8'	6"					.41 lbs.
PR14-15 __-__	__= (2) 1/4" Rigid A= (1) 1/4" Rigid	B G R Y T	15'	12.5'	9 1/2"					.59 lbs.
PR14-20 __-__	(1) 1/4" Swivel		20'	17'	13"	3/8"	1/4"	2 1/2"	130 PSI	.74 lbs.
PR14-25 __-__	B= (2) 1/4" Swivel		25'	20'	16"					.88 lbs.
PR14-30 __-__			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 __-__			15'	12.5'	11 1/2"					.89 lbs.
PR516-20 __-__	4B= (2) 1/4" Swivel B= (2) 3/8" Swivel	B G R 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 4A= (1) 1/4" Rigid		10'	8'	5 1/2"					1.00 lbs.
PR38-15 __-__	(1) 1/4" Swivel		15'	12.5'	8 1/2"					1.40 lbs.
PR38-20 __-__	4B= (2) 1/4" Swivel	B G R Y T	20'	17'	11"					1.85 lbs.
PR38-25 __-__	__= (2) 3/8" Rigid		25'	20'	14"	9/16"	3/8"	4 1/8"	135 PSI	2.25 lbs.
PR38-30 __-__	A= (1) 3/8" Rigid		30'	25.5'	17"					2.63 lbs.
PR38-50 __-__	(1) 3/8" Swivel B= (2) 3/8" Swivel		50'	42.5'	27 1/2"					3.23 lbs.
PR12-10 __-__			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.

Colors • Printing • Packaging

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

Resource Guide—Chemical Resistance Chart

This information was provided to Freelin-Wade by our suppliers and other sources. It is to be used only as a general reference guide to aid in the selection of products in which chemical and material compatibility issues are a factor. This guide is not intended as a complete nor conclusive database. Freelin-Wade does not guarantee these ratings since the resistance of a material can be greatly affected by the temperature, consistency, and presence of other chemicals. Ultimately, the consumer must determine the chemical compatibility of an item based on the conditions in which the product is being used.

Rating Scale

1= Little or no impact
2= Minor effect
3= Moderate effect
4= Severe effect

	PUR	PE	PVC	Nylon	Kynar
Acetic Acid, Glacial	4	2	4	-	1
Acetic Acid, 30%	4	1	4	2	1
Acetone	4	2	4	1	4
Acetylene	1	4	1	1	1
Alkazene	4	-	-	-	-
Aluminum Chloride (aq)	3	2	1	-	1
Aluminum Nitrate (aq)	3	-	2	-	1
Ammonia Anhydrous	4	2	1	-	4
Ammonia Gas (cold)	3	-	3	1	4
Ammonia Gas (hot)	4	-	-	1	4
Ammonium Chloride (aq) 40%	2	1	1	-	1
Ammonium Sulfate (aq)	1	1	1	1	1
Amyl Alcohol	4	2	1	-	1
Amyl Naphthalene	4	-	-	-	-
Animal Fats	1	-	-	-	-
Aqua Regia	4	2	3	-	-
Arsenic Acid	3	2	1	-	1
Asphalt	2	1	1	-	1
ASTM Fuel A	2	-	-	-	-
ASTM Fuel B	3	-	-	-	-
ASTM Fuel C	3	1	4	-	-
Barium Chloride (aq)	1	2	1	1	1
Beer	2	2	1	1	1
Beet Sugar Liquors	4	1	1	-	1
Benzene	3	4	3	1	1
Benzine	2	-	-	-	-
Blast Furnace Gas	4	-	-	-	-
Bleach Solutions	4	1	1	-	1
Borax	1	1	1	-	1
Boric Acid	1	1	1	-	1
Brake Fluid	4	-	-	-	1
Brine	2	-	3	-	1
Bromine Water	4	-	3	4	1
Bunker Oil	2	-	-	-	-
Butane	1	3	3	1	1
Butter	1	-	-	-	-
Butyl Alcohol (Butanol)	3	1	3	1	1
Butylene	4	1	1	-	1
Calcium Chloride (aq)	1	1	3	1	1
Calcium Hydroxide (aq)	2	1	2	-	1
Calcium Nitrate (aq)	1	-	1	1	1
Calcium Sulfide (aq)	1	-	-	-	-
Cane Sugar Liquors	4	-	1	-	1
Carbolic Acid	3	4	3	-	-
Carbon Dioxide	1	2	1	-	1
Carbonic Acid	4	2	1	-	1
Carbon Monoxide	1	2	1	-	1
Carbon Tetrachloride	4	4	4	3	1
Castor Oil	1	1	1	-	1
Chlorine (dry)	4	3	4	4	1
Chlorine (wet)	4	3	-	4	1
Chloroform	4	4	4	3	1
Chlorox	4	-	-	-	-
Chromic Acid 50%	4	1	4	4	1
Citric Acid	1	1	2	1	1
Coal Tar (Creosote)	3	-	-	-	-
Coconut Oil	2	1	1	-	1
Cod Liver Oil	1	1	1	-	-
Coke Oven Gas	4	-	-	-	-
Copper Chloride (aq)	1	2	1	-	1
Copper Cyanide (aq)	1	2	1	-	1
Corn Oil	1	1	2	-	1
Cotton Seed Oil	1	1	2	-	1
Creosol (Methyl Phenol)	4	4	4	4	1
Cychlohexane	1	4	4	1	1
Denatured Alcohol	4	-	-	-	-
Detergent Solution	3	1	1	-	-
Diesel Oil	2	3	1	-	-
Dioxane	4	3	-	-	4
Dowtherm Oil	3	-	-	-	-
Dry Cleaning Fluids	4	-	-	-	-
Ethane	1	-	1	-	-
Ethyl Acrylate	4	-	-	-	1
Ethyl Alcohol (Ethanol)	4	2	3	3	1
Ethyl Benzine	4	-	-	-	-
Ethyl Cellulose	2	-	-	-	-
Ethyl Chloride	4	4	4	-	1
Ethyl Ether	3	4	4	-	1
Ethylene Chloride	4	4	4	-	-
Ethylene Glycol[5] (Anti-Freeze)	2	1	1	1	1
Ethylene Oxide	4	3	3	1	1
Ethylene Trichloride	4	4	-	-	-
Ferric Chloride (aq)	1	2	1	-	1
Ferric Nitrate (aq)	1	2	1	-	1
Ferric Sulfate (aq)	2	1	1	-	1
Fluroine (Liquid)	4	3	4	4	1
Formaldehyde (RT)	4	2	1	1	1
Formic Acid	4	2	1	4	1
Freon 11	4	3	1	-	-
Freon 12	1	1	1	1	-
Freon 22	4	-	1	1	-
Fuel Oil (Bunker 'C')	2	3	1	-	1
Gasoline (100 Octane, High Test)	3	4	3	1	1
Glue	1	1	3	-	1
Glycerin (Glycerol)	1	1	1	1	1
Glycols	4	-	-	1	-
Green Sulfate Liquor	1	-	-	-	-
Hexane	2	4[1]	2[2]	-	1
Hydraulic Oil	1	1-3	1	-	-
Hydrochloric Acid (cold) 37%	4	2	2	4	1
Hydrochloric Acid (hot) 37%	4	-	-	4	1
Hydrofluroic Acid (Conc.) (cold)	4	2	-	-	1
Hydrofluroic Acid (Conc.) (hot)	4	-	-	-	1
Hydrogen Gas	1	1	1	1	1
Isobutyl Alcohol	3	1	-	-	1
Isooctane	2	3	1	-	1
Isopropyl Acetate	4	3	4	-	-
Isopropyl Alcohol (Isopropanol)	3	1	-	1	1
Isopropyl Ether	2	1	2	-	1
Kerosene	1	4	2	1	1

	PUR	PE	PVC	Nylon	Kynar
Lacquers	4	1	4	-	-
Lacquer Solvents	4	1	3	-	-
Lard	1	1	1	-	1
Lavender Oil	4	-	-	-	-
Lead Acetate (aq)	4	1	1	-	1
Linseed Oil	2	3	1	1	1
Liquified Petroleum Gas	1	-	-	1	-
Lubricating Oils	1-2[3]	4	2	1	1
Lye	4	1-4[4]	1-2	-	-
Magnesium Chloride (aq)	1	2	1	1	1
Magnesium Hydroxide (aq)	4	2	1	-	1
Mercury	1	1	1	1	1
Methane	3	-	2	1	1
Methyl Acetate	4	2	4	1	1
Methyl Acrylate	4	-	-	-	1
Methyl Alcohol (Methanol)	4	1	1	1	1
Methyl Butyl Ketone	4	-	1	-	-
Methyl Chloride	4	4	4	1	1
Methylene Chloride	4	4	4	-	1
Methyl Ethyl Ketone	4	2	4	1	4
Methyl Isobutyl Ketone	4	3	4	1	4
Milk	4	1	1	1	1
Mineral Oil	1	3	1	1	1
Motor Oil 20W, 10W40	2	3	2	1	1
Naphtha (Lighter Fluid)	2	4	1	1	1
Naphthalene (Moth Repellent)	2	2	4	1	1
Natural Gas	2	-	1	-	1
Neatsfoot Oil	1	-	-	-	-
Nitric Acid 70%	4	2	-	4	1
Nitric Acid (Dilute) 10%	3	2	1	4	1
Nitroethane	4	-	-	-	1
N-Octane	4	1	-	-	1
Oleic Acid	2	1	3	1	1
Oleum Spirits	3	4	4	-	4
Olive Oil	1	1	-	-	1
Oxygen (cold)	1	-	-	1	1
Oxygen (200-400F)	4	-	-	-	-
Paint Thinner, Duco	4	-	-	-	-
Perchloric Acid	4	1	3	-	1
Perchloroethylene	4	4	3	3	1
Petroleum - Below 250F	2	3	-	-	1
Petroleum - Above 250F	4	-	-	4	-
Phenol (Carbolic Acid)	3	2	3-4	4	1
Phenyl Ethyl Ether	4	-	-	-	-
Phosphoric Acid - 45%	4	1	2	2	1
Pickling Solution	4	-	-	-	-
Picric Acid	2	1	4	3	1
Potassium Acetate (aq)	4	-	-	-	1
Potassium Chloride (aq)	1	2	1	-	1
Potassium Cyanide (aq)	1	2	1	-	1
Potassium Hydroxide (aq)	4	1	1	3	4
Producer Gas	1	1	1	-	-
Propane	1	4	1	1	1
Propyl Alcohol (Propanol)	4	1	1	-	1
Propylene	4	-	2	-	-
Propylene Glycol (Anti-Freeze)	3	1	3	2	1
Propylene Oxide	4	2	-	-	4
Pydraul, 10E, 29 ELT	4	-	-	-	-
Pydraul 30E, 50E, 65E	4	-	-	-	-
Pydraul, 115E	4	-	-	-	-
Pydraul 230E, 312C, 540C	4	-	-	-	-
Rapeseed Oil	2	4	-	-	-
RJ-1 (MIL-F-23338 B)	1	-	-	-	-
RP-1 (MIL-F-25576 C)	1	-	-	-	-
Salt Water	2	1	1	1	1
Sewage	1	-	-	-	1
Silicate Esters	1	-	-	-	-
Silicone Oils	1	1	1	-	1
Silver Nitrate	1	1	1	-	1
Skydrol 500	4	-	-	-	-
Skydrol 700	4	-	-	-	-
Soap Solutions	3	4	1	1	-
Sodium Chloride (aq)	1	1	1	1	-
Sodium Hydroxide (aq)	4	1	1	2	4
Sodium Peroxide (aq)	4	1	2	-	1
Sodium Phosphate (aq)	1	-	-	-	1
Sodium Sulfate (aq)	1	1	1	-	-
Soy Bean Oil	2	1	1	-	1
Stoddard Solvent	1	3	3	-	-
Styrene (Monomer)	4	-	4	1	1
Sucrose Solution	4	2	-	-	-
Sulfuric Acid (Dilute Battery Acid)	3	1	1	-	1
Sulfuric Acid (Conc)	4	2	4	-	1
Sulfuric Acid (20% Oleum)	4	-	4	-	4
Sulfurous Acid	4	2	1	-	-
Tannic Acid	4	1	1	-	1
Tetrochlorethylene	4	2	4	-	-
Toluene (Toluol)	4	3	4	1	1
Transformer Oil	2	-	2	-	-
Transmission Fluid Type A	2	-	-	-	-
Trichloroethane	4	4	3	3	1
Trichloroethylene	4	4	4	3	1
Turbine Oil	1	3	1	1	-
Turpentine	4	4	4	1	1
Varnish	3	3	4	-	1
Vinegar	2	1	1	1	1
Vinyl Chloride	4	4	4	-	1
Water	1	1	1	1	1
Whiskey, Wines	2	1	1	1	1
White Oil	1	-	-	-	-
Wood Oil	3	-	-	-	-
Xylene	4	4	4	1	1
Zinc Acetate (aq)	4	-	-	-	1
Zinc Chloride (aq)	2	1	1	1	1

1 Petroleum Base **2** Synthetic Base =1, Petroleum Base = 3
3 SAE 10, 20, 30, 40, 50 = 1, Petroeum = 2
4 Calcium Hydroxide & Potassium (Hydroxide=1, Sodium Hydroxide=4) **5** See Propylene Glycol **6** See Ethylene Glycol