



Pacific Echo®

# Spiralite®

*Quality Hose and Tubing Products*





# Pacific Echo®

---

## Locations

### TORRANCE, CA

23540 Telo Avenue

Torrance, CA 90505

(310) 539-1822

(888) 734-4673

(800) 421-5196

Fax: (310) 539-5826

Email: [sales@pacificecho.com](mailto:sales@pacificecho.com)

[www.pacificecho.com](http://www.pacificecho.com)

### ATLANTA, GA

(407) 645-3595

### CHICAGO, IL

(224) 569-3081

### HOUSTON, TX

(713) 926-4500



---

## Terms of Sale

### Terms

Net 30 days, unless otherwise specified by our Credit Department.

### Freight

All shipments F.O.B. point of shipment unless otherwise noted by Pacific Echo®, Inc.

### Returned Goods

Returned goods must have prior approval of Pacific Echo®, Inc. Only standard shipping lengths will be accepted for return. Goods must be returned freight prepaid and a restocking charge will be required. Shipments without our consent will be refused.

### Claims

No claims will be allowed unless reported within 5 days after receipt of merchandise.

### Warranty

Pacific Echo®, Inc. guarantees all manufactured goods to be free from defects due to workmanship and materials. Credit or replacement is subject to determination of product failure due to manufacturing or material defects. Compensation is limited to the value of merchandise sold or replaced.

### Force Majeure

Seller shall not be liable for failure to perform or for delay in performance due to Acts of God, flood, fire; Acts of War, government authority, riots, explosions, embargo; Labor difficulty, strikes, breakdown of machinery or equipment, accidents; Shortage or inability to obtain raw materials, equipment, fuel, power, transportation; Acts or omission of the Buyer; Any cause beyond Seller's reasonable control.

### CAUTION

**You must obtain written consent before using our products with materials considered potentially hazardous by the material manufacturer's material safety data sheet rating.**



## EXPERIENCE THE SPIRALITE® ADVANTAGE!

In the early 1970s our founder recognized the need for an affordable, high-quality hose that could replace much heavier and more expensive rubber products in a variety of tasks. Pacific Echo was established to fill that need with an innovative line of PVC hoses.

By 1979 we had built our 100,000-sq. ft. Torrance, CA facility and the SPIRALITE® name was born. SPIRALITE® has become the benchmark name for quality, versatile MADE IN THE USA products at an affordable cost. We are one of the largest PVC manufacturers in the USA and our products can be found around the world.

Our growth has been a testament to our founder's long-range vision and dedication to quality and continuous improvement. SPIRALITE® products now serve a variety of markets including agriculture, construction, food processing, mining and environmental improvement.

Now in our fifth decade, Pacific Echo continues to look ahead for new opportunities and markets. Whether you value an established track record of quality and success, or a commitment to innovation and forward thinking, SPIRALITE® product will meet your needs.

*Pacific Echo, Inc. is an ISO 9001 Certified Company*

## Features and Benefits

### CONSTRUCTION

#### Materials

SPIRALITE® hoses are made only from high-quality, virgin PVC resin sourced directly from the producers. Reground or recycled materials are never used.

#### Helix

Rigid and engineered to resist impact, kinking and crushing.

#### Wall and Cover

Simultaneously extruded using a patented process to achieve maximum adhesion.

#### Tube

Smooth bore for maximum flow. Tight sizing tolerances ensure secure, leak-free coupling.

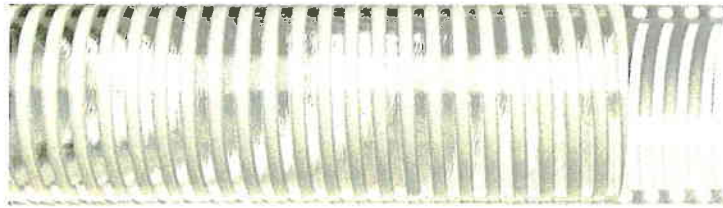
## Quality and Versatility

SPIRALITE® hoses can replace more expensive hoses in a variety of applications. Besides basic water suction, Pacific Echo has formulations for cold weather, food handling and chemical applications.

SPIRALITE® hoses are flame resistant and hoses are color coded for easy identification and resistance to sun and ultraviolet light.

# Spiralite® 090

## PVC All-Weather Suction Hose



### Appearance/Construction

Clear flexible PVC with white helix.  
Smooth exterior and interior.

### Benefits

Compounded to retain flexibility in low temperatures.  
Clear wall allows easy inspection of liquid flow.

### General Applications

General suction for water and light chemical solutions.

### Temperature Range

-30° F to +130° F

### Standard Lengths

3/4" thru 6" 100'  
8" and above 20' 25' 30'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. W.P. @ 140° F (psi)	Vac. Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3/4"	1.02	100	42	28	2	300	0.21
1"	1.29	100	42	28	3	300	0.29
1-1/4"	1.56	90	42	28	4	270	0.38
1-1/2"	1.84	90	42	28	4	270	0.49
2"	2.39	70	42	28	5	210	0.72
2-1/2"	2.92	65	32	28	7	195	0.99
3"	3.46	55	28	28	8	165	1.29
4"	4.56	50	28	28	12	150	2.05
5"	5.65	45	-	28	20	135	3.1
6"	6.80	45	-	28	23	135	4.45
8"	8.95	40	-	28	34	120	6.86
10"	11.30	40	-	28	40	120	12.05
12"	13.39	35	-	26	50	105	15.27

# Spiralite® 110

## PVC Green Standard Suction Hose



### Appearance/Construction

Green flexible PVC with white helix.  
Smooth exterior and interior.

### Benefits

Highly versatile and durable.  
Smooth interior for maximum flow.

### General Applications

General suction for water and light chemical solutions.

### Temperature Range

-10° F to +130° F

### Standard Lengths

3/4" thru 6" 100'  
8" and above 20' 25' 30'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. W.P. @ 140° F (psi)	Vac. Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3/4"	1.01	100	42	28	2	300	0.20
1"	1.27	100	42	28	3	270	0.27
1-1/4"	1.53	90	42	28	4	270	0.36
1-1/2"	1.82	90	42	28	5	270	0.48
2"	2.36	70	42	28	6	210	0.66
2-1/2"	2.90	65	32	28	8	195	0.92
3"	3.44	55	28	28	9	165	1.20
4"	4.52	50	28	28	13	150	1.87
5"	5.65	45	-	28	21	135	3.00
6"	6.80	45	-	28	24	135	4.56
8"	8.95	40	-	28	35	120	7.05
10"	11.34	40	-	28	41	120	12.37
12"	13.39	35	-	26	53	105	15.66

# Spiralite® 111

## PVC Special Gray Standard Suction Hose



### Appearance/Construction

Gray flexible PVC with white helix.  
Smooth exterior and interior.

### Benefits

Excellent blend of quality and economy.  
Smooth inner tube for maximum flow.

### General Applications

General suction for water and light  
chemical solutions.

### Temperature Range

-10° F to +130° F

### Standard Lengths

100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. W.P. @ 140° F (psi)	Vac. Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3/4"	1.01	100	42	28	2	300	0.20
1"	1.27	90	42	28	3	270	0.27
1-1/4"	1.53	90	42	28	4	270	0.36
1-1/2"	1.82	90	42	28	5	270	0.48
2"	2.36	70	42	28	6	210	0.66
2-1/2"	2.90	65	32	28	8	195	0.92
3"	3.44	55	28	28	9	165	1.20
4"	4.52	50	28	28	13	150	1.87
5"	5.65	45	-	28	21	135	3.00
6"	6.80	45	-	28	24	135	4.56

# Spiralite® 113

## PVC Special Green Suction Hose



### Appearance/Construction

Green flexible PVC with white helix.  
Smooth exterior and interior.

### Benefits

Excellent blend of quality and economy.  
Smooth inner tube for maximum flow.

### General Applications

General suction for water and light  
chemical solutions.

### Temperature Range

-10° F to +130° F

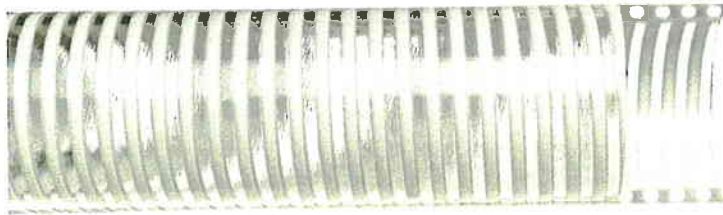
### Standard Lengths

3/4" thru 6"      100'  
8" and above    20' 25' 30'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. W.P. @ 140° F (psi)	Vac. Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3/4"	1.01	100	42	28	2	300	0.20
1"	1.27	100	42	28	3	270	0.26
1-1/4"	1.53	90	42	28	4	270	0.32
1-1/2"	1.82	90	42	28	5	270	0.45
2"	2.36	70	42	28	6	210	0.63
2-1/2"	2.90	65	32	28	8	195	0.90
3"	3.44	55	28	28	9	165	1.16
4"	4.52	50	28	28	13	150	1.82
5"	5.65	45	-	28	21	135	3.00
6"	6.80	45	-	28	24	135	4.56
8"	8.95	40	-	28	40	120	7.05

# Spiralite® 115

## PVC Clear Standard Suction Hose



### Appearance/Construction

Clear flexible PVC with white helix.  
Smooth exterior and interior.

### Benefits

Highly versatile and durable.  
Clear wall allows easy inspection of liquid flow.

### General Applications

General suction for water and light chemical solutions.

### Temperature Range

-10° F to +130° F

### Standard Lengths

3/4" thru 6"      100'  
8"                    20' 25' 30'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. W.P. @ 140° F (psi)	Vac. Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (Inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3/4"	1.01	100	42	28	2	300	0.19
1"	1.27	100	42	28	3	270	0.25
1-1/4"	1.53	90	42	28	4	270	0.35
1-1/2"	1.82	90	42	28	5	270	0.43
2"	2.36	70	42	28	6	210	0.61
2-1/2"	2.90	65	32	28	8	195	0.86
3"	3.44	55	28	28	9	165	1.12
4"	4.52	50	28	28	13	150	1.75
5"	5.65	45	-	28	21	135	2.90
6"	6.80	45	-	28	24	135	4.37
8"	8.95	40	-	28	35	120	6.81
10"	11.34	40	-	28	41	120	11.90
12"	13.39	35	-	26	53	105	15.00

# Spiralite® 120

## PVC Green Corrugated Suction Hose



### Appearance/Construction

Green flexible PVC with white helix.  
Corrugated exterior, smooth interior.

### Benefits

Corrugated for increased flexibility.  
Smooth interior for maximum flow.

### General Applications

General suction for water and light chemical solutions.

### Temperature Range

-10° F to +130° F

### Standard Lengths

1-1/2" thru 6"      100'  
8"                    20' 25' 30'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (Inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1-1/2"	1.87	50	28	3	150	0.38
2"	2.41	40	28	4	120	0.58
2-1/2"	2.98	40	28	5	120	0.79
3"	3.54	35	28	6	105	1.07
4"	4.65	35	28	8	105	1.70
6"	6.98	35	28	15	105	4.26
8"	9.14	35	28	18	105	6.57
10"	11.30	30	21	28	90	9.37
12"	13.31	25	15	36	75	11.11

# Spiralite® 124-PS

## PVC Pipe-Sized Corrugated Suction Hose



### Appearance/Construction

Clear flexible PVC with white helix.  
Corrugated exterior, smooth interior.

### Benefits

Sized to fit over standard pipe.  
Smooth interior for maximum flow.  
Clear wall allows for easy inspection.

### General Applications

Landfill gas recovery.  
Flexible pipe connections.  
General suction for water and light chemical solutions.

### Temperature Range

-10° F to +130° F

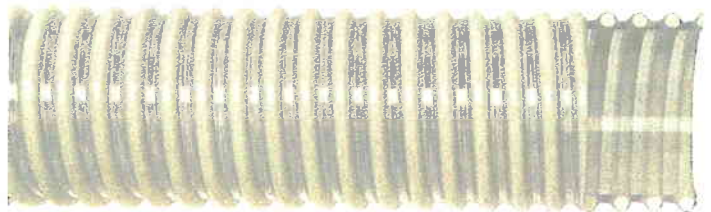
### Standard Lengths

2-3/8" thru 6-5/8" 100'  
8-5/8" 20' 25' 50'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (Inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
2-3/8"	2.85	40	28	4	120	0.72
3-1/2"	4.15	35	28	7	95	1.19
4-1/2"	5.26	30	28	9	90	1.85
6-5/8"	7.60	30	28	17	90	4.41
8-5/8"	9.80	30	28	32	90	6.67

# Spiralite® 125

## PVC Clear Corrugated Suction Hose



### Appearance/Construction

Clear flexible PVC with white helix.  
Corrugated exterior, smooth interior.

### Benefits

Corrugated for increased flexibility.  
Smooth interior for maximum flow.

### General Applications

General suction for water and light chemical solutions.

### Temperature Range

-10° F to +130° F

### Standard Lengths

1/2" thru 6" 100'  
8" 20' 25' 50'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3/4"	0.99	50	28	1	150	0.11
1"	1.26	35	28	2	105	0.14
1-1/4"	1.61	50	28	3	150	0.31
1-1/2"	1.86	50	28	3	150	0.37
2"	2.44	50	28	4	120	0.57
2-1/2"	2.98	40	28	5	120	0.77
3"	3.54	35	28	6	105	1.04
4"	4.65	35	28	8	105	1.65
5"	5.73	30	28	11	90	2.34
6"	6.98	35	28	15	105	4.08
8"	9.14	35	28	18	105	6.34
10"	11.30	30	21	28	90	9.10
12"	13.27	25	15	36	75	10.14

# Spiralite® 140

## PVC Clear Corrugated FDA Suction Hose



### Appearance/Construction

Clear flexible PVC with white helix.  
Corrugated exterior, smooth interior.

### Benefits

FDA compliant food-grade formulation.  
Corrugated for improved flexibility.  
Smooth interior for maximum flow.

### General Applications

Food handling and processing.  
Dairy, brewery and winery service.

### Temperature Range

-10° F to +130° F

### Standard Lengths

1-1/2" thru 6"      100'  
8"                      20' 25' 50'  
10" and 12"        20' 25'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3/4"	0.99	50	28	1	150	0.11
1"	1.26	35	28	2	105	0.14
1-1/4"	1.61	50	28	3	150	0.31
1-1/2"	1.86	50	28	3	150	0.37
2"	2.44	50	28	4	120	0.57
2-1/2"	2.98	40	28	5	120	0.77
3"	3.54	35	28	6	105	1.04
4"	4.65	35	28	8	105	1.65
5"	5.73	30	28	11	90	2.34
6"	6.98	35	28	15	105	4.08
8"	9.14	35	28	18	105	6.34
10"	11.30	30	21	28	90	9.10
12"	13.27	25	15	36	75	10.14

# Spiralite® 145

## PVC All-Clear Corrugated FDA Suction Hose



### Appearance/Construction

Clear flexible PVC with clear helix.  
Corrugated exterior, smooth interior.

### Benefits

FDA compliant food-grade formulation.  
Corrugated for improved flexibility.  
All-clear construction allows for easy inspection.

### General Applications

Food handling and processing.  
Dairy, brewery and winery service.

### Temperature Range

-10° F to +130° F

### Standard Lengths

100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1"	1.26	35	28	2	105	0.14
1-1/4"	1.61	50	28	3	150	0.31
45mm	1.82	50	28	3	150	0.31
1-1/2"	1.86	50	28	3	150	0.37
2"	2.44	50	28	4	120	0.57
57mm	2.67	40	28	4	120	0.64
2-1/2"	2.98	40	28	5	120	0.77
3"	3.54	35	28	6	105	1.04
4"	4.65	35	28	8	105	1.65



# Spiralite® 150

## PVC Oil Resistant Suction Hose



### Appearance/Construction

Orange flexible PVC with white helix. Smooth exterior and interior.

### Benefits

Special compound has higher oil resistance compared to standard PVC. Excellent alternative to more expensive rubber hoses.

### General Applications

General suction for oils and animal fats. Waste oil and environmental clean up.

### Temperature Range

-10° F to +130° F

### Standard Lengths

1" thru 6" 100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. Weight (lbs./ft.)
1"	1.29	100	28	3	0.31
1-1/4"	1.57	90	28	4	0.44
1-1/2"	1.87	90	28	5	0.57
2"	2.44	85	28	7	0.87
2-1/2"	2.78	75	28	10	1.19
3"	3.54	75	28	12	1.62
4"	4.65	70	28	16	2.56
5"	5.65	55	28	21	3.15
6"	6.80	50	28	24	4.64

# Spiralite® 160

## PVC Oil Resistant Corrugated Suction Hose



### Appearance/Construction

Orange flexible PVC with white helix. Corrugated exterior, smooth interior.

### Benefits

Special compound has higher oil resistance compared to standard PVC. Excellent alternative to more expensive rubber hoses.

### General Applications

General suction for oils and animal fats. Waste oil and environmental clean up.

### Temperature Range

-10° F to +130° F

### Standard Lengths

1" thru 4" 100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. Weight (lbs./ft.)
1-1/2"	1.86	50	28	3	0.39
2"	2.44	40	28	4	0.60
2-1/2"	2.98	35	28	5	0.81
3"	3.54	35	28	6	1.10
4"	4.65	35	28	8	1.73

# Spiralite® 170

## PVC Clear FDA Suction Hose



### Appearance/Construction

Clear flexible PVC with white helix.  
Smooth exterior and interior.

### Benefits

FDA compliant food-grade formulation.  
Conforms to USDA 3A standards.

### General Applications

Food handling and processing.  
Dairy, brewery and winery service.

### Temperature Range

-10° F to +130° F

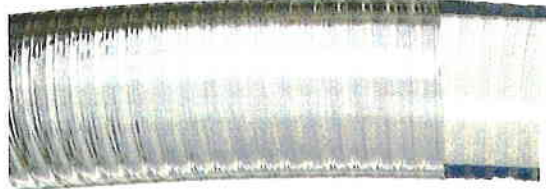
### Standard Lengths

3/4" thru 6"      100'  
8" and above    20' 25' 30'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. W.P. @ 140° F (psi)	Vac. Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3/4"	1.01	100	42	28	2	300	0.20
1"	1.27	100	42	28	3	270	0.27
1-1/4"	1.53	90	42	28	4	270	0.35
1-1/2"	1.82	90	42	28	5	270	0.47
2"	2.36	70	42	28	6	210	0.66
2-1/2"	2.90	65	32	28	8	195	0.82
3"	3.44	55	28	28	9	165	1.25
4"	4.52	50	28	28	13	150	1.87
5"	5.65	45	-	28	21	135	3.00
6"	6.80	45	-	28	24	135	4.42
8"	8.95	40	-	28	35	120	6.81
10"	11.34	40	-	28	41	120	12.10
12"	13.39	35	-	26	53	105	15.30

# Spiralite® 175

## PVC All-Clear FDA Suction Hose



### Appearance/Construction

Clear flexible PVC with clear helix.  
Smooth exterior and interior.

### Benefits

FDA compliant food-grade formulation.  
All-clear construction allows easy inspection.  
Conforms to USDA 3A standards.

### General Applications

Food handling and processing.  
Dairy, brewery and winery service.

### Temperature Range

-10° F to +130° F

### Standard Lengths

3/4" thru 4"      100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3/4"	1.02	100	28	2	300	0.21
1"	1.29	100	28	3	300	0.30
1-1/4"	1.56	90	28	4	270	0.38
1-1/2"	1.84	90	28	5	270	0.48
2"	2.39	70	28	6	210	0.71
2-1/2"	2.92	65	28	8	195	0.97
3"	3.46	60	28	9	180	1.27
4"	4.56	50	28	13	150	2.01

# Spiralite® 190

## PVC Clear Corrugated Light Duct Hose



### Appearance/Construction

Clear flexible PVC with white helix.  
Corrugated exterior, smooth interior.

### Benefits

Lightweight and highly flexible.

### General Applications

Air ducting, venting.  
Dust control.  
Also available in Flame Resistant (UL 940VO & USMSHA 2G-26/1) formulations on special order basis.

### Temperature Range

-10° F to +130° F

### Standard Lengths

1" thru 7"      100'  
8"                50'  
10"               25'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. Weight (lbs./ft.)
1"	1.25	1	0.15
1-1/4"	1.52	2	0.20
1-1/2"	1.79	2	0.24
2"	2.36	2	0.39
2-1/2"	2.90	3	0.54
3"	3.45	3	0.72
4"	4.50	4	1.02
5"	5.54	5	1.26
6"	6.54	5	1.51
7"	7.55	5	1.76
8"	8.57	7	2.21
10"	10.61	13	2.75

# Spiralite® 191-05

## PVC Black Corrugated Leaf and Grass Collection Hose



### Appearance/Construction

Black flexible PVC with white helix.  
Corrugated exterior, smooth interior.

### Benefits

Lightweight and highly flexible.  
Also available in clear.

### General Applications

Lawn vacuums.  
Light suction.

### Temperature Range

-10° F to +130° F

### Standard Lengths

4" thru 6"      100'  
7" and 8"      50'  
10"               25'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. Weight (lbs./ft.)
4"	4.50	4	1.02
5"	5.54	5	1.26
6"	6.54	5	1.51
7"	7.55	5	1.76
8"	8.57	7	2.21
10"	10.61	13	2.75

# Spiralite® 195

## PVC Corrugated Heavy Duct Hose



### Appearance/Construction

Clear flexible PVC with white helix.  
Corrugated exterior, smooth interior.

### Benefits

Lightweight and highly flexible.

### General Applications

Air ducting.  
Light suction, vacuum.  
Also available in low-temperature version (194-00).

### Temperature Range

-10° F to +130° F

### Standard Lengths

1-1/2" thru 6" 100'  
7" and 8" 50'  
10" and 12" 25'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1-1/4"	1.95	50	28	3	150	0.31
1-1/2"	1.83	40	28	3	120	0.32
2"	2.40	35	28	4	100	0.48
2-1/2"	2.91	25	26	5	75	0.60
3"	3.54	25	28	6	75	0.86
4"	4.56	25	28	8	75	1.29
5"	5.63	25	20	10	75	1.93
6"	6.82	25	20	12	75	3.04
7"	7.90	20	20	15	60	3.80
8"	8.91	20	16	18	60	4.32
10"	11.18	20	16	23	60	7.47
12"	13.15	20	16	29	60	8.87

# Spiralite® 310

## PVC Yellow 570 PSI Spray Hose



### Appearance/Construction

Yellow PVC ribbed exterior and tube.  
Spiral braid reinforcement.  
Made in Japan.

### Benefits

Excellent blend of flexibility, durability and value.

### General Applications

Agricultural spraying.  
Pest control.  
Compressed air and water.

### Temperature Range

-10° F to +130° F

### Standard Lengths

300'  
3/8" and 1/2" also available in 400'

Nominal Size (inch)	Inside Diameter (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./300 ft.)
1/4"	19/64	34/64	570	1,710	24
3/8"	25/64	43/64	570	1,710	35
1/2"	33/64	52/64	570	1,710	47
5/8"	40/64	62/64	570	1,710	64
3/4"	48/64	1-5/64	570	1,710	80

# Spiralite® 320

PVC Orange  
560 PSI Spray Hose



## Appearance/Construction

Orange PVC ribbed exterior, yellow tube.  
Spiral braid reinforcement.  
Made in Japan.

## Benefits

Economical, durable and flexible.

## General Applications

Agricultural spraying.  
Pest control.  
Compressed air and water.

## Temperature Range

-10° F to +130° F

## Standard Lengths

300'  
3/8" and 1/2" also available in 400'

Nominal Size (inch)	Inside Diameter (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./300 ft.)
3/8"	25/64	43/64	560	1,710	36
1/2"	33/64	52/64	560	1,710	48
3/4"	48/64	1-5/64	560	1,710	80

# Spiralite® 340

PVC Green  
800 PSI Spray Hose



## Appearance/Construction

Green PVC ribbed exterior, yellow tube.  
Woven braid reinforcement.  
Made in Japan.

## Benefits

High working pressure in a lightweight, flexible package.

## General Applications

Agricultural spraying.  
Pest control.  
Compressed air and water.

## Temperature Range

-10° F to +130° F

## Standard Lengths

300'  
3/8" and 1/2" also available in 400'

Nominal Size (inch)	Inside Diameter (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./300 ft.)
3/8"	25/64	44/64	800	3,700	41
1/2"	33/64	54/64	800	3,500	54
3/4"	40/64	1-9/64	800	2,700	91
1"	1.00	1-30/64	800	2,460	135

# Spiralite® 410

## PVC Clear Braided Tubing



### Appearance/Construction

Clear PVC tube.  
Spiral braid reinforcement.  
Made in Japan.

### Benefits

FDA compliant food grade formula.  
Excellent tensile strength.

### General Applications

Liquid and air transfer.  
Food processing.

### Temperature Range

-10° F to +130° F

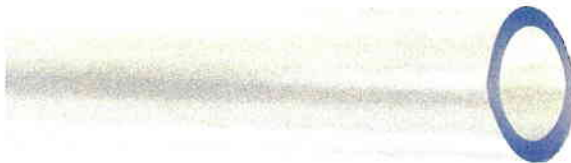
### Standard Lengths

3/16" thru 3/4" 300'  
1" and Above 100'

Nominal Size (inch)	Inside Diameter (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./roll)
3/16"	0.193	0.406	250	1,000	16.4
1/4"	0.258	0.469	250	1,000	19.5
5/16"	0.315	0.535	200	1,000	24.7
3/8"	0.383	0.625	200	800	32
1/2"	0.516	0.750	200	800	38
5/8"	0.633	0.625	200	800	45
3/4"	0.766	1.03	150	600	61
1"	1.00	1.54	125	500	32
1-1/4"	1.25	1.75	100	400	63
1-1/2"	1.50	2.00	75	300	74
2"	2.00	2.50	75	300	95

# Spiralite® 510

## PVC Clear Tubing



### Appearance/Construction

Clear PVC tube.

### Benefits

FDA compliant food grade formula.  
Compliant with USDA standards for meat and poultry plants.  
Other colors available with minimum order.

### General Applications

Water and light chemical transfer.

### Temperature Range

-10° F to +130° F

### Standard Lengths

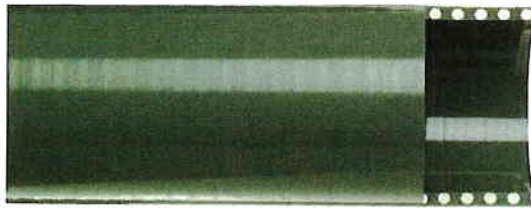
1/8" thru 1" 100'  
1-1/4" and Above 50'

I.D. (Inch)	O.D. (Inch)	Wall Thickness (Inch)	Maximum W.P. @ 72° F (psi)	Approx. Weight (lbs./Coil)
1/8"	1/4"	1/16"	70	2.65
3/16"	5/16"	1/16"	70	3.07
1/4"	3/8"	1/16"	60	3.40
1/4"	7/16"	3/32"	60	5.38
1/4"	1/2"	1/8"	70	8.37
5/16"	7/16"	1/16"	50	4.63
5/16"	1/2"	3/32"	60	7.16
3/8"	1/2"	1/16"	50	5.58
3/8"	9/16"	3/32"	55	8.18
3/8"	5/8"	1/8"	60	11.55

I.D. (Inch)	O.D. (Inch)	Wall Thickness (Inch)	Maximum W.P. @ 72° F (psi)	Approx. Weight (lbs./Coil)
1/2"	5/8"	1/16"	40	7.39
1/2"	3/4"	1/8"	50	13.14
9/16"	7/8"	5/32"	45	18.73
5/8"	7/8"	1/8"	45	15.81
3/4"	1"	1/8"	35	18.60
7/8"	1-1/4"	1/8"	35	21.10
1"	1-1/4"	1/8"	30	23.80
1-1/4"	1-3/4"	1/4"	50	33.60
1-1/2"	2"	1/4"	40	42.90
2"	2-3/8"	3/16"	25	38.20

# Spiralite® 850

## "Pac-Flex" Gray PVC Conduit



### Appearance/Construction

Gray PVC tube with white helix.

### Benefits

Sized to glue into Schedule 40 PVC fittings.  
Meets or exceeds Western Underground Committee's 3.1 Specification, 3.2 Heat Distortion, 3.3 Impact Resistance and 3.4 Conduit Stiffness.

### General Applications

Cable conduit.  
Drain and no-pressure lines.

### Temperature Range

-10° F to +130° F

### Standard Lengths

1/2" thru 6" 100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Min. Bend Radius @ 72° F (Inch)	Approx. Weight (lbs./ft.)
1/2"	0.85	2	0.15
3/4"	1.06	2	0.23
1"	1.33	3	0.32
1-1/4"	1.67	4	0.40
1-1/2"	1.91	5	0.50
2"	2.38	6	0.70
2-1/2"	2.89	7	0.95
3"	3.50	8	1.28
4"	4.50	11	1.93
6"	6.61	16	4.42

# Spiralite® 940-50

## PVC - Polyurethane Blend Duct and Blower Hose



### Appearance/Construction

Clear PVC/Polyurethane blend wall, black PVC helix.  
Corrugated exterior, smooth interior.

### Benefits/General Applications

Light material conveying.  
Bark blowing.

### Temperature Range

-10° F to +130° F

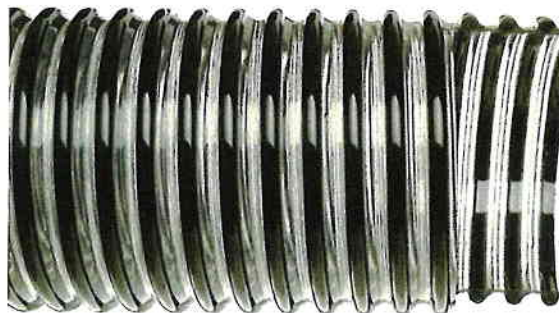
### Standard Lengths

100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. Weight (lbs./ft.)
4"	4.49	8	1.00
5"	5.69	10	1.61

# Spiralite® 960-50

## PVC-Polyurethane Blend Duct Hose



### Appearance/Construction

Clear PVC/Polyurethane blend wall, black PVC helix.

Corrugated exterior, smooth interior.

### Benefits

Blended material provides excellent balance between flexibility and abrasion resistance.

### General Applications

Insulation transfer.

Ice slinging.

Bark blowing.

### Temperature Range

-10° F to +130° F

### Standard Lengths

100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. Weight (lbs./ft.)
3"	3.50	4	0.86
4"	4.57	6	1.09
5"	5.57	6	1.38
6"	6.60	7	1.69

# Spiralite® 1000

## Rubber Standard Suction Hose



### Appearance/Construction

SBR rubber tube with black PVC helix.

Smooth exterior and interior.

### Benefits

Highly durable and abrasion resistant.

Static dissipating tube.

### General Applications

Abrasive material handling.

Water and light chemical transfer.

### Temperature Range

-30° F to +140° F

### Standard Lengths

100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1-1/2"	1.92	70	28	5	210	0.60
2"	2.43	60	28	6	180	0.80
2-1/2"	2.92	45	28	8	135	1.07
3"	3.53	45	28	9	135	1.45
4"	4.65	45	28	12	135	2.30
6"	6.76	30	28	20	90	3.98



# Spiralite® 1100

## Rubber Corrugated Suction Hose



### Appearance/Construction

SBR rubber tube with black PVC helix.  
Corrugated exterior, smooth interior.

### Benefits

Excellent abrasion resistance in a lightweight, flexible package.  
Static dissipating tube.

### General Applications

Abrasive material handling.  
Water and light chemical transfer.

### Temperature Range

-30° F to +140° F

### Standard Lengths

1-1/2" thru 6"      100'  
8"                      50'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1-1/2"	1.88	50	28	3	150	0.38
2"	2.41	40	28	4	120	0.54
2-1/2"	2.98	35	28	5	105	0.77
3"	3.54	35	28	6	105	1.05
3-1/2"	4.04	30	28	8	90	1.25
4"	4.65	30	28	8	90	1.68
5"	5.77	30	28	9	90	2.40
6"	6.86	25	28	12	75	3.18
8"	9.10	25	28	16	75	5.73

# Spiralite® 1200

## Rubber Corrugated Duct Hose



### Appearance/Construction

SBR rubber tube with black PVC helix.  
Corrugated exterior, smooth interior.

### Benefits

Lightweight and durable.  
Static dissipating tube.

### General Applications

Abrasive material handling.  
Light vacuum service.  
Water and light chemical transfer.

### Temperature Range

-30° F to +140° F

### Standard Lengths

2" thru 6"      100'  
8"                      50'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
2"	2.37	35	28	4	105	0.49
2-1/2"	2.91	30	28	5	90	0.66
3"	3.48	30	28	6	90	0.91
4"	4.55	25	25	9	75	1.36
5"	5.65	25	25	10	75	2.08
6"	6.78	25	25	12	75	2.86
8"	8.87	20	20	17	60	4.23

# Spiralite®

## EPDM Suction Hose

### Appearance/Construction

Black EPDM tube with natural or green polyethylene helix.

Corrugated exterior, smooth interior.

### Benefits

Solid EPDM tube for excellent durability.  
Good chemical resistance.

### General Applications

Liquid fertilizer transfer.  
Septic service.

### Temperature Range

-30° F to +140° F

### Standard Lengths

100'



**2000**  
( White Helix )



**2000-06**  
( Green Helix )

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1"	1.34	50	28	4	150	0.23
1-1/4"	1.61	50	28	5	150	0.30
1-1/2"	1.96	50	28	6	150	0.49
2"	2.49	50	28	9	150	0.69
2-1/2"	3.00	50	28	11	150	0.91
3"	3.60	50	28	12	150	1.21
4"	4.69	45	28	17	135	1.83
6"	6.86	35	20	27	105	3.84

# Spiralite® 2400

## EPDM Duct Hose

### Appearance/Construction

Black EPDM tube with natural polyethylene helix.

Corrugated exterior, smooth interior.

### Benefits

Solid lightweight EPDM tube.  
Good chemical resistance.

### General Applications

Water and light chemical transfer.  
Air ducting.

### Temperature Range

-30° F to +140° F

### Standard Lengths

100'



Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1-1/2"	1.83	33	3	100	0.30
2"	2.42	27	4	80	0.45
2-1/2"	3.00	25	5	75	0.65
3"	3.59	24	6	72	0.89
4"	4.68	22	7	66	1.27

# Spiralite® 2700

## Braided EPDM Suction / Discharge Hose



### Appearance/Construction

Black EPDM tube with black polyethylene helix.  
Braid reinforcement.  
Corrugated exterior, smooth interior.

### Benefits

- Solid EPDM tube.
- Good chemical resistance.
- Braided for higher working pressure.

### General Applications

Water and light chemical transfer.  
Agricultural suction and discharge service.

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1-1/4"	1.80	100	4	300	0.44
1-1/2"	2.07	100	4	300	0.55
2"	2.66	100	4	300	0.88
3"	3.86	85	6	260	1.48
4"	4.87	70	8	210	2.30

### Temperature Range

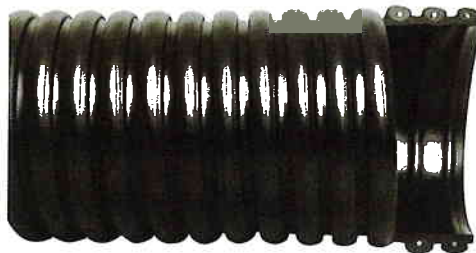
-30° F to +140° F

### Standard Lengths

100'

# Spiralite® 2800

## EPDM Suction Hose with Metal Wire Helix



### Appearance/Construction

Black EPDM tube with black polyethylene helix.  
Metal wire helix reinforcement.  
Corrugated exterior, smooth interior.

### Benefits

- Higher temperature resistance.
- Solid EPDM tube.
- Good chemical resistance.
- Braided for higher working pressure.

### General Applications

Suction/Discharge at higher temperatures.  
Fly ash suction.  
Vacuum trucks.

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
3"	3.57	30	6	100	1.45
4"	4.69	29	6	90	2.20
5"	5.81	28	10	85	3.25
6"	6.82	28	10	85	3.91
8"	8.56	25	15	75	5.20

### Temperature Range

-30° F to +220° F

### Standard Lengths

3" thru 6"      100'  
8"                50'

# Spiralite® 3000/3000-PS

## Spiral Double Bold Clamp

Cadmium plated steel.  
Designed for use with corrugated  
PVC suction hoses.

### Available Sizes

1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8", 10"  
and 12"

### Also Available to Fit Pipe-Size Hose (3000-PS)

2-3/8", 3-1/2", 4-1/2", 6-5/8" and 8-5/8"



# Spiralite®

## Petroleum Tank Drop Hose with Static wire

### Appearance/Construction

Black NBR Rubber tube with yellow or  
orange PVC helix.  
Braid reinforcement and copper static wire.  
Corrugated exterior, smooth interior.

### Benefits

Excellent resistance to gasoline and  
petroleum products with an aromatic  
content under 50%.  
External helix for reduced drag.  
Lightweight for easy handling.

### General Applications

Gasoline delivery truck service.  
Oil, grease and biofuel handling.

### Temperature Range

-30° F to +130° F

### Standard Lengths

100'



**5100**  
(Yellow Helix)



**5100-90**  
(Orange Helix)

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
2"	2.66	100	4	400	0.87
3"	3.76	65	6	260	1.71
4"	4.79	65	8	260	2.44

---

## Spiralite® 5200

### PVC Spring Sleeve

White rigid PVC.

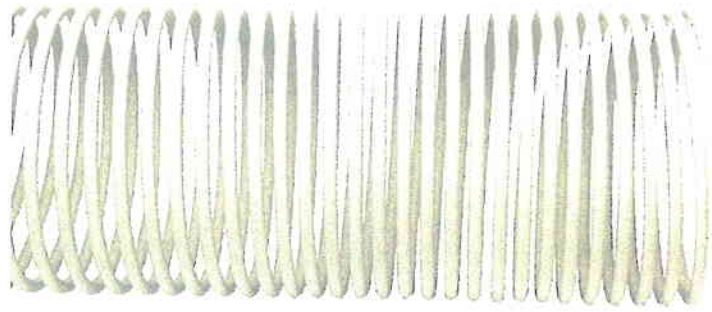
For use with corrugated hoses to create flat banding surface.

#### Available Sizes

1-1/2", 2", 2-3/8", 3", 4", 6" and 8"

#### Standard Lengths

1-1/2" thru 6"	3'
8"	1'



---

## Spiralite® 5600

### Gray Banding Sleeve for Vapor Recovery Hose

Soft Gray PVC.

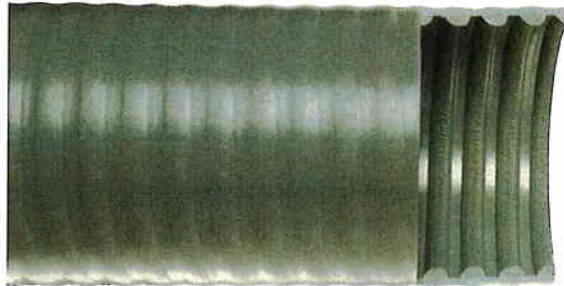
Designed to fit Spiralite®  
W187-00.

#### Available Sizes

3" and 4"

#### Standard Lengths

3'



---

## Spiralite® 5700

### Black Banding Sleeve for Tank Drop Hose

Soft Black PVC.

Designed to fit Spiralite®  
5100-00/5100-90.

#### Available Sizes

3" and 4"

#### Standard Lengths

3'	1'
----	----



# Spiralite®

## Braided PVC Clear Corrugated Suction Hose

### Appearance/Construction

Clear flexible PVC with white or orange helix.  
Braid reinforcement.  
Corrugated exterior, smooth interior.

### Benefits

Excellent combination of flexibility and working pressure.  
Smooth interior prevents material blockage.  
External helix reduces drag resistance.  
Braid reinforcement for improved working pressure and tensile strength.

### General Applications

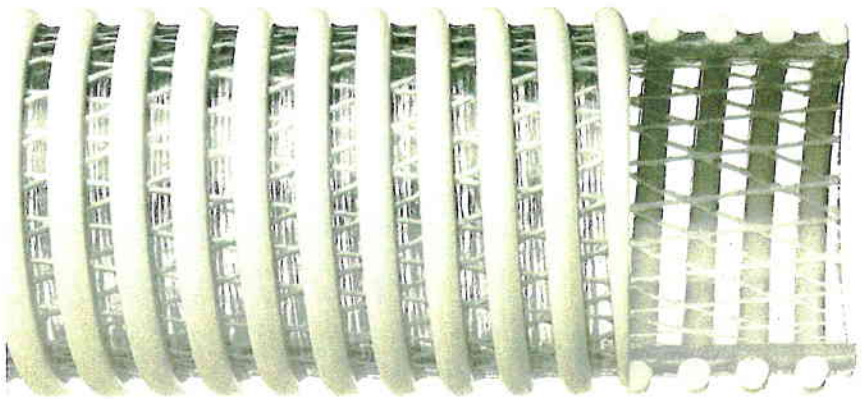
Water & light chemical suction/ discharge.

### Temperature Range

-30° F to +130° F

### Standard Lengths

1" thru 6"            100'  
8" and 10"        20', 25' 30'  
12"                    20', 25'



**6200**  
(White Helix)



**6200-90**  
(Orange Helix)

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1-1/2"	1.88	100	28	4	280	0.36
2"	2.41	100	28	5	280	0.54
2-1/2"	2.98	90	28	6	270	0.82
3"	3.54	100	28	7	80	1.07
4"	4.65	75	28	8	200	1.71
6"	6.86	70	28	12	180	3.81
8"	9.10	50	28	30	150	5.00
10"	11.49	35	28	44	105	7.48
12" **	13.72	30	25	100	25	11.25

\*\* NOTE: 12" Available in 6200-90 Orange-Helix Only!!

# Spiralite® 6250

## Braided PVC Clear FDA Corrugated Suction Hose

### Appearance/Construction

Clear flexible PVC with white helix.  
Braid reinforcement.  
Corrugated exterior, smooth interior.

### Benefits

FDA compliant food-grade formulation.  
Smooth interior prevents material blockage.  
External helix reduces drag resistance.  
Braid reinforcement for improved working pressure and tensile strength.

### General Applications

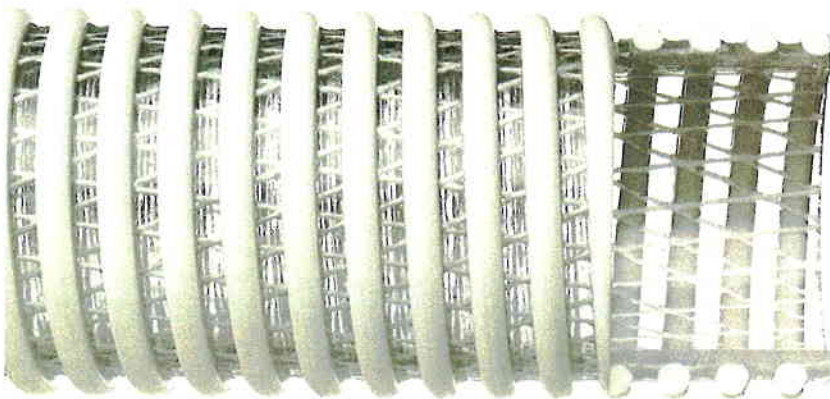
Food processing.  
Brewery, dairy and winery service.

### Temperature Range

-30° F to +130° F

### Standard Lengths

1" thru 6"            100'  
8" and 10"         20', 25' 30'



Nominal Size (Inch)	Approx. O.D. (Inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (Inch)	Approx. B.P. @ 72° F (psi)	Approx. Weigh (lbs./ft)
1-1/2"	1.88	100	28	4	280	0.36
2"	2.41	100	28	5	280	0.54
2-1/2"	2.98	90	28	6	270	0.82
3"	3.54	100	28	7	80	1.07
4"	4.65	75	28	8	200	1.71
6"	6.86	70	28	12	180	3.81
8"	9.10	50	28	30	150	5.00
10"	11.49	35	28	44	105	7.48

# Spiralite® U125-05

**Polyurethane Lined PVC  
Suction Hose**



## Appearance/Construction

Black flexible PVC with white spiral.  
Polyurethane liner.

## Benefits

Lightweight and flexible.  
Excellent abrasion resistance.  
Also available in clear version (U125-00).

## General Applications

Abrasive material handling.  
Shot blast recovery.  
Industrial vacuums.

## Temperature Range

-30° F to +130° F

## Standard Lengths

100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
2"	2.51	45	28	3	135	0.68
2-1/2"	3.05	45	28	4	135	0.96
3"	3.57	40	28	5	120	1.15
4"	4.73	35	28	8	110	1.94

# Spiralite® W145

**All Clear PVC Corrugated  
FDA Suction Hose with  
Static Wire**



## Appearance/Construction

Clear flexible PVC with clear helix.  
Copper static wire.  
Corrugated exterior, smooth interior.

## Benefits

All clear construction allows for easy inspection.  
FDA compliant food-grade formulation.  
Static conductive copper wire.

## General Applications

Pneumatic conveying.  
Light vacuum service.

## Temperature Range

-30° F to +130° F

## Standard Lengths

100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Max. W.P. @ 72° F (psi)	Vacuum Rating @ 72° F (in/HG)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. B.P. @ 72° F (psi)	Approx. Weight (lbs./ft.)
1-1/4"	1.61	50	28	3	150	0.32
1-1/2"	1.82	50	28	3	150	0.38
45mm	2.13	40	28	4	120	0.49
2"	2.37	40	28	4	120	0.58
57mm	2.67	40	28	4	120	0.64
2-1/2"	3.01	40	28	5	120	0.79
3"	3.62	35	28	6	105	1.06
4"	4.54	35	28	8	105	1.68
5" **	5.73	30	24	11	90	2.34
6" **	6.98	35	28	15	105	4.13

\*\* NOTE: 5" and 6" Available in W140-00 White-Helix Only!!



# Spiralite® W185

All Clear PVC Corrugated  
FDA Duct Hose with  
Static Wire



## Appearance/Construction

Clear flexible PVC with clear helix.  
Copper static wire.  
Corrugated exterior, smooth interior.

## Benefits

Lightweight construction.  
FDA compliant food-grade formulation.  
Static conductive copper wire.

## General Applications

Light vacuum/ducting service.  
Low volume powder/pellet conveying.

## Temperature Range

-30° F to +130° F

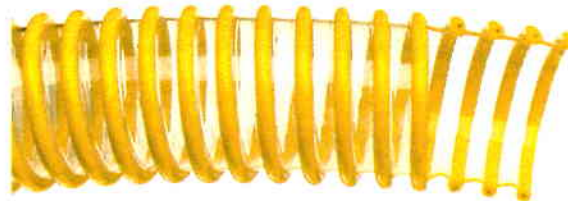
## Standard Lengths

100'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. Weight (lbs./ft.)
1-1/2"	0.87	2	0.36
39mm	1.91	2	0.36
45mm	2.20	2	0.45
2"	2.44	2	0.58
57mm	2.69	3	0.53
2-1/2"	2.98	3	0.61
3"	3.53	3	0.85
4"	4.58	4	1.13
5"	5.62	4	1.55
6"	6.67	5	1.88

# Spiralite® W187

Corrugated Polyurethane  
Vapor Recovery Hose  
with Static Wire



## Appearance/Construction

Clear flexible polyurethane with yellow  
PVC helix.  
Copper static wire.  
Corrugated exterior, smooth interior.

## Benefits

Lightweight construction.  
Resistant to chemical vapors and  
light abrasives.  
Static conductive copper wire.

## General Applications

Gasoline/petroleum vapor recovery.  
Low volume powder/pellet conveying.  
Light vacuum service.

## Temperature Range

-30° F to +140° F

## Standard Lengths

1-1/2" thru 6" 100'  
8" 50'

Nominal Size (inch)	Approx. O.D. (inch)	Rec. Min. Bend Radius @ 72° F (inch)	Approx. Weight (lbs./ft.)
1-1/2"	1.88	1.5	0.36
2"	2.43	2	0.48
2-1/2"	2.96	2.5	0.61
3"	3.54	3	0.69
4"	4.56	4	0.92
5"	5.51	5	1.13
6"	6.52	6	1.24
8"	8.75	10	2.42

# EPDM Chemical Resistance Chart

A = Satisfactory    B = Some Degradation May Occur    C = Unsuitable

Chemical Name	Characteristics	Resistance at 68°F	Chemical Name	Characteristics	Resistance at 68°F	Chemical Name	Characteristics	Resistance at 68°F
Acetone		A	Crude Oil		C	Magnesium Chloride		A
Alcohol - Butyl		B	Cyclohexane		B	Magnetite Sand		A
Alcohol - Ethyl		B	Diesel Oil		C	Methane		C
Alcohol - Isopropyl		B	Ethylene Glycol		A	Methyl Acetate		B
Alcohol - Methyl		A	Farma Line		A	Naphtha		C
Ammonia	Liquid	A	Fish Oil		C	Nierus Acid		B
Ammonium Carbonate		A	Formic Acid	40%	A	Phosphoric Acid		A
Animal Fats		B	Formic Acid	50%	B	Phosphoric Slurry		B
ASTM Oils (#1-#3)		C	Fuel Oil		C	Potassium Hydroxide		A
Benzene		C	Gasoline		C	Potassium Phosphate		B
Butane		C	Glycerol		A	Propane		C
Butyl Acetate		B	Glycol		A	Propyl Acetate		B
Butylene Calcium Hydroxide		A	Hexanol		B	Silicic Acid		C
Carbonic Acid		B	Hydrochloric Acid	10%	A	Sodium Acetate		A
Carbonic Dioxide		A	Hydrochloric Acid	30%	B	Soybean Oil		C
Chlorine	Dry Gas	C	Hydrogen Peroxide		B	Sodium Hydroxide		C
Chlorine	Wet Gas	C	Hydrogen Sulfide		C	Toulene		C
Chlorine	Water	C	Iso-Octane		C	Vegetable Oils		C
Citric Acid		A	Kerosene		C	Water		A
Coal Tar		C	Ketones		C	Xylene		C
Cottonseed Oil		C	Latex		C	Zinc Acetate		A
Creosote		C				Zinc Sulfate		A

## Good Hose Practice

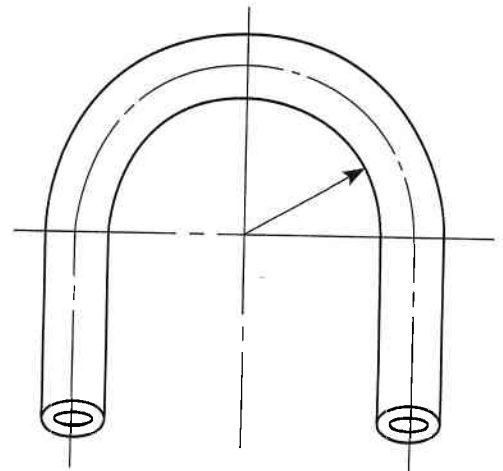
All hose products have a limited lifespan that can be affected by a wide range of factors. Although it is impossible to predict service life for every hose, good storage and handling practices can ensure each hose lasts to its full potential.

- 1) Hose should be stored indoors, protected from moisture and sunlight and kept in relatively cool temperatures.
- 2) Coils should be stored on a smooth, clean surface and on their flat sides. Stacking coils on their edges can put stress on the tube and reinforcement.
- 3) When stacking coils, the stack height should be monitored to ensure the lower coils are not deformed or crushed.
- 4) Care should be taken when removing any wrap or strapping to ensure that the hose is not cut or damaged. Even a slight surface cut can create a leak once the hose is under pressure.
- 5) All hose should be thoroughly inspected for damage, blemishes and kinks before coupling.

For any other questions regarding Pacific Echo products, please contact your local sales representative.

## Bend Radius Definition

A hose's bend radius is the point to which it can be bent without the tube turning oval and reducing flow. The bend radius is measured on the inside curvature as illustrated by the arrow.



# PVC Chemical Resistance Chart

A = Satisfactory    B = Some Degradation May Occur    C = Unsatisfactory    \* = Contact Factory

Chemical Name	Characteristics	Resistance at 68°F	Resistance at 130°F	Chemical Name	Characteristics	Resistance at 68°F	Resistance at 130°F	Chemical Name	Characteristics	Resistance at 68°F	Resistance at 130°F
Acetate Solvents		C	C	Cottonseed Oil		B	C	Methyl Bromide		C	C
Acetic Acid	10%	A	B	Creosote		C	C	Methyl Ethyl Ketone		C	C
Acetic Acid	Glacial	B	C	Cresol		A	B	Methylene Chloride		C	C
Acetone		C	C	Cresylic Acid		C	C	Mineral Oils		A	B
Acrylonitrile		A	B	Cyclohexane		A	B	Monochlorobenzene		C	C
Alcohol - Ethyl		A	B	DDT (Weed Killer)		C	C	Naphtha		B	C
Alcohol - Isopropyl		A	B	Detergent Synthetic		A	B	Naphtalene		C	C
Alcohol - Methyl		A	B	Dextrin		A	A	Nitric Acid	10%	A	A
Aluminum Acetate		A	C	Dextrose		A	A	Nitric Acid	40%	A	B
Aluminum Chloride		A	A	Dibutyl Phthalate		C	C	Nitric Acid	70%	C	C
Aluminum Sulfate		A	A	Dichlorobenzene		C	C	Nitrobenzene		C	C
Allyl Chloride		C	C	Diesel Oil		B	C	Nitrogen Fertilizers		A	C
Ammonia	0.88S.G Aqueous	A	A	Diethylene Glycol		A	A	Oleic Acid		A	B
Ammonia	Dry Gas	A	C	Diethyl Ether		C	C	Oxalic Acid		A	A
Ammonia	Liquid	C	C	Diocetyl Phthalate		C	C	Palmitic Acid		A	A
Ammonium Chloride		A	A	Emulsifiers		A	A	Paraffin		A	A
Animal Fats		A	A	Ethyl Acetate		C	C	Pentane		A	A
Amyl Acetate		C	C	Ethylene Glycol		A	B	Perchloroethylene		C	C
Aniline Oils		B	C	Fatty Acid		A	A	Phenol		B	C
Aromatic Hydrocarbons		C	C	Ferric Chloride		A	A	Phosphoric Acid		A	A
Asphalt		C	C	Ferric Sulphate		A	A	Photographic Developers		A	A
ASTM Fuel A		B	B	Fluorine		C	C	Photographic Emulsions		A	A
ASTM Fuel B		C	C	Formaldehyde	40%	C	C	Photographic Fixers		A	A
ASTM #1 Oil		C	C	Formic Acid	40%	A	A	Pitch		A	B
ASTM #3 Oil		C	C	Formic Acid	50%	B	C	Potassium Hydroxide		A	A
Barium Chloride		A	A	Formic Acid	100%	C	C	Propane		A	A
Barium Hydroxide		A	A	Fuel Oil		C	C	Sea Water		A	A
Barium Sulfide		A	A	Glacial Acetic Acid		B	C	Silicone Oils		A	A
Benzene		C	C	Glucose		A	A	Sodium Hydroxide	10%	C	C
Benzine		B	B	Glycerine		A	A	Sodium Cyanide		A	A
Bordeaux Mixture		A	A	Grape Sugar		A	A	Soybean Oil		A	A
Borax		A	A	Grease		B	B	Stearic Acid		A	A
Boric Acid		A	A	Heptane		B	C	Styrene		C	C
Bromine		C	C	Hexane		B	C	Sulphur Dioxide	Dry	A	A
Butyl Acetate		C	C	Hydrobromic Acid		C	C	Sulphur Dioxide	Moist	B	C
Calcium Hydroxide		A	A	Hydrochloric Acid	10%	C	C	Sulphur Dioxide	Liquid	C	C
Calcium Hypochlorite		A	A	Hydrofluoric Acid	10%	C	C	Sulphuric Acid		*	*
Carbonic Acid		B	C	Hydrofluoboric Acid		A	A	Sulphurous Acid		*	*
Carbon Dioxide		A	A	Hydrofluosilic Acid		A	A	Tannic Acid		A	A
Carbon Disulphite		C	C	Hydrogen Peroxide		A	C	Tartaric Acid		A	A
Carbon Monoxide		A	A	Hydrogen Sulphide		A	C	Tetrahydrofuran		C	C
Carbon Tetrachloride		C	C	Iso-Octane		A	B	Toulene		C	C
Casein		A	B	Isopropyl Acetate		C	C	Trichlorethylene		C	C
Chlorine	Dry Gas	A	A	Kerosene		B	B	Triethanolamine		A	A
Chlorine	Wet Gas	B	C	Ketones		C	C	Tricresyl Phosphate		C	C
Chlorine	Water	C	C	Lactic Acid	10%	A	C	Turpentine		B	C
Chlorobenzene		C	C	Lactic Acid	100%	C	C	Urea		A	A
Chloroform		C	C	Lacquer Solvents		B	C	Vinegar		A	A
Chromic Acid		A	B	Linseed Oil		A	A	Vinyl Acetate		C	C
Citric Acid		A	A	Magnesium Chloride		A	A	Vinyl Chloride		C	C
Coal Tar		C	C	Magnesium Hydroxide		A	A	Water		A	A
Copper Chloride		A	A	Magnesium Sulphate		A	A	Xylene		C	C
Copper Nitrate		A	A	Malic Acid		A	A	Zinc Chloride		A	A
Copper Sulphate		A	A	Methyl Acetate		C	C	Zinc Sulfate		A	A