



Pacific Echo,<sup>®</sup> Inc.





## SPIRALITE® 090

### PVC ALL-WEATHER SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Clear PVC with white helix.  
Smooth cover and interior.

- **BENEFITS:**

- Specially compounded PVC designed to retain flexibility even at low temperatures.
- Clear wall allows easy inspection of material flow.

- **GENERAL APPLICATIONS:**

- General suction for water & light chemical solutions.

- **TEMPERATURE RANGE:**

-30°F to +130°F

- **STANDARD LENGTHS:**

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

NOMINAL SIZE	inch	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
APPROX. O.D.	inch	1.02	1.29	1.56	1.84	2.39	2.92	3.46	4.56	5.65	6.80	8.95	11.34	13.39
RECOMMENDED W.P. AT 68°F	psi	100	100	90	90	70	65	55	50	45	45	40	40	35
W.P. AT 140°F	max psi	42	42	42	42	37	32	28	28	-	-	-	-	-
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	3	4	4	5	7	8	12	20	23	34	40	50
APPROX. B.P. AT 68°F	psi	300	300	270	270	210	195	165	150	135	135	120	120	105
APPROX. WT.	lbs./ft.	.21	.29	.38	.49	.72	.99	1.29	2.05	3.01	4.45	6.86	12.05	15.27

\* BEND RADIUS FOR CONTINUOUS SERVICE.



## SPIRALITE® 110

### PVC GREEN STANDARD SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Green PVC with white helix.  
Smooth wall and interior.

- **BENEFITS:**

- Highly versatile and durable.
- Smooth interior prevents material blockage.

- **GENERAL APPLICATIONS:**

- General suction for water & light chemical solutions.

- **TEMPERATURE RANGE:**

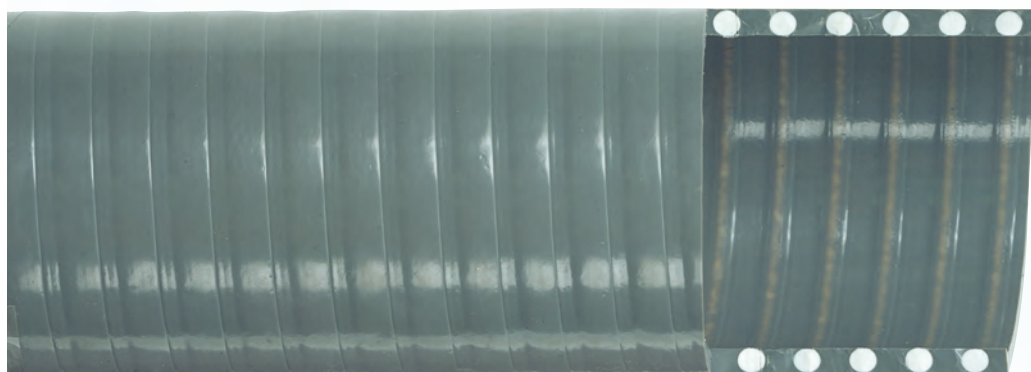
-10°F to +130°F

- **STANDARD LENGTHS:**

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

NOMINAL SIZE	inch	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
APPROX. O.D.	inch	1.01	1.27	1.53	1.82	2.36	2.90	3.44	4.52	5.65	6.80	8.95	11.34	13.39
RECOMMENDED W.P. AT 68°F	psi	100	90	90	90	70	65	55	50	45	45	40	40	35
W.P. AT 140°F	max psi	42	42	42	42	37	32	28	28	-	-	-	-	-
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28	28	28	28	26
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	3	4	5	6	8	9	13	21	24	35	41	53
APPROX. B.P. AT 68°F	psi	300	270	270	270	210	195	165	150	135	135	120	120	105
APPROX. WT.	lbs./ft.	.20	.27	.36	.47	.66	.92	1.20	1.87	3.00	4.56	7.05	12.37	15.66

\* BEND RADIUS FOR CONTINUOUS SERVICE.



NOMINAL SIZE	inch	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
APPROX. O.D.	inch	1.01	1.27	1.53	1.82	2.36	2.90	3.44	4.52	5.65	6.80
RECOMMENDED W.P. AT 68°F	psi	100	90	90	90	70	65	55	50	45	45
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	3	4	5	6	8	9	13	21	24
APPROX. B.P. AT 68°F	psi	300	270	270	270	210	195	165	150	135	135
APPROX. WT.	lbs./ft.	.20	.27	.36	.47	.66	.92	1.20	1.87	3.00	4.56

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 111

### PVC SPECIAL GRAY STANDARD SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Gray PVC with white helix.  
Smooth wall and interior.

- **BENEFITS:**

- Excellent blend of economy and quality.
- Smooth interior prevents material blockage.

- **GENERAL APPLICATIONS:**

- General suction for water & light chemical solutions.

- **TEMPERATURE RANGE:**

-10°F to +130°F

- **STANDARD LENGTHS:**

3/4" thru 6" 100ft.



NOMINAL SIZE	inch	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
APPROX. O.D.	inch	1.00	1.25	1.51	1.81	2.34	2.88	3.42	4.49	5.58	6.80	8.94
RECOMMENDED W.P. AT 68°F	psi	100	90	70	70	60	60	50	45	45	45	40
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	3	4	5	6	8	9	13	21	24	40
APPROX. B.P. AT 68°F	psi	300	270	210	210	180	180	150	135	135	135	120
APPROX. WT.	lbs./ft.	.20	.26	.32	.45	.63	.90	1.16	1.82	3.00	4.56	7.05

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 113

### PVC SPECIAL GREEN STANDARD SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

"Special" Green PVC tube with white PVC helix. Smooth wall and interior.

- **BENEFITS:**

- Excellent blend of economy and quality.
- Smooth interior prevents material blockage.

- **GENERAL APPLICATIONS:**

- General suction for water & light chemical solutions.

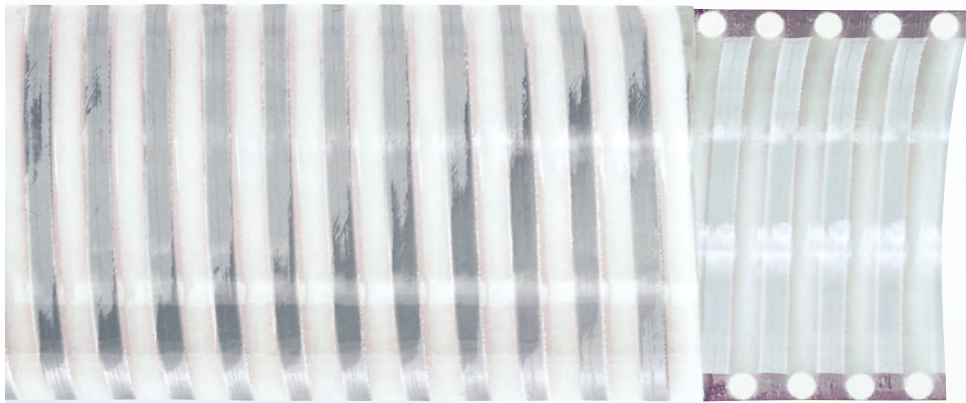
- **TEMPERATURE RANGE:**

-10°F to +130°F

- **STANDARD LENGTHS:**

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





## SPIRALITE® 115

### PVC CLEAR STANDARD SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Clear PVC with white helix.  
Smooth wall and interior.

- **BENEFITS:**

- Highly versatile and durable.
- Smooth interior prevents material blockage.
- Clear wall allows easy inspection of material flow.

- **GENERAL APPLICATIONS:**

- General suction for water & light chemical solutions.

- **TEMPERATURE RANGE:**

-10°F to +130°F

- **STANDARD LENGTHS:**

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

NOMINAL SIZE	inch	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
APPROX. O.D.	inch	1.01	1.27	1.53	1.82	2.36	2.90	3.44	4.52	5.65	6.80	8.95	11.34	13.39
RECOMMENDED W.P. AT 68°F	psi	100	90	90	90	70	65	55	50	45	45	40	40	35
W.P. AT 140°F	max psi	42	42	42	42	37	32	28	28	-	-	-	-	-
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28	28	28	28	26
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	3	4	5	6	8	9	13	21	24	35	41	53
APPROX. B.P. AT 68°F	psi	300	270	270	270	210	195	165	150	135	135	120	120	105
APPROX. WT.	lbs./ft.	.19	.25	.35	.43	.61	.86	1.12	1.75	2.90	4.37	6.81	11.90	15.00

\* BEND RADIUS FOR CONTINUOUS SERVICE.



## SPIRALITE® 120

### PVC GREEN STANDARD SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Green PVC with white helix.  
Corrugated cover, smooth interior.

- **BENEFITS:**

- Good combination of durability and flexibility.
- Smooth interior prevents material blockage.

- **GENERAL APPLICATIONS:**

- General suction for water & light chemical solutions.

- **TEMPERATURE RANGE:**

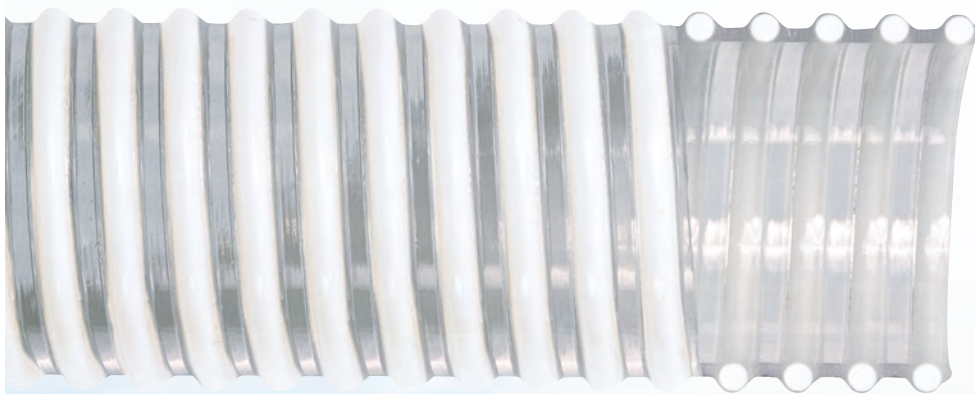
-10°F to +130°F

- **STANDARD LENGTHS:**

1-1/2" thru 6" 100ft.  
8" and above 20' 25' 30'

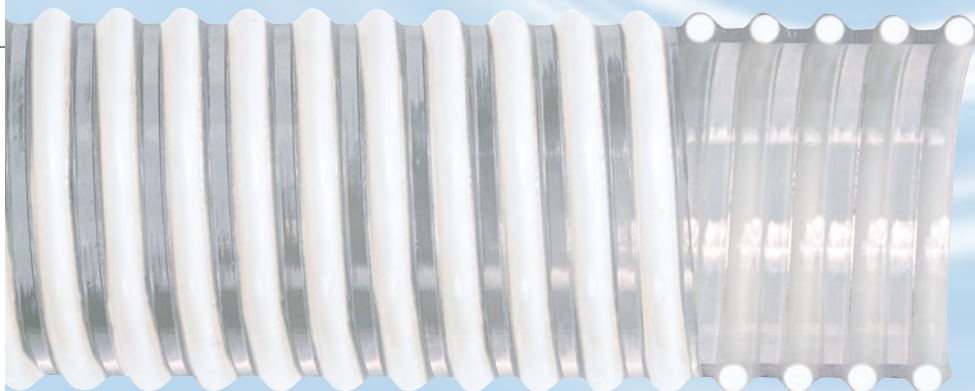
NOMINAL SIZE	inch	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"
APPROX. O.D.	inch	1.87	2.41	2.98	3.54	4.65	6.98	9.14	11.30	13.31
RECOMMENDED W.P. AT 68°F	psi	50	40	40	35	35	35	35	30	25
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	21	15
RECOM. MIN. BEND RADIUS AT 68°F*	inch	3	4	5	6	8	15	18	28	36
APPROX. B.P. AT 68°F	psi	150	120	120	105	105	105	105	90	75
APPROX. WT.	lbs./ft.	.38	.58	.79	1.07	1.70	4.26	6.57	9.37	11.11

\* BEND RADIUS FOR CONTINUOUS SERVICE.



NOMINAL SIZE	inch	23/8"	31/2"	41/2"	65/8"	85/8"
APPROX. O.D.	inch	2.85	4.15	5.26	7.60	9.80
RECOMMENDED W.P. AT 68°F	psi	40	35	30	30	30
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	4	7	9	17	22
APPROX. BP AT 68°F*	psi	120	95	90	90	90
APPROX. WT.	lbs./ft.	.72	1.19	1.85	4.41	6.67

\* BEND RADIUS FOR CONTINUOUS SERVICE.



NOMINAL SIZE	inch	3/4"	1"	11/4"	11/2"	2"	21/2"	3"	4"	5"	6"	8"	10"	12"
APPROX. O.D.	inch	.99	1.26	1.61	1.86	2.44	2.98	3.54	4.65	5.73	6.98	9.14	11.30	13.27
RECOMMENDED W.P. AT 68°F	psi	50	35	50	50	40	40	35	35	30	35	35	30	25
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28	28	28	21	15
RECOM. MIN. BEND RADIUS AT 68°F*	inch	1	2	3	3	4	5	6	8	11	15	18	28	36
APPROX. B.P. AT 68°F	psi	150	105	150	150	120	120	105	105	90	105	105	90	75
APPROX. WT.	lbs./ft.	.11	.14	.31	.37	.57	.77	1.04	1.65	2.34	4.08	6.34	9.10	10.14

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 124-PS

### PVC PIPE-SIZED CORRUGATED SUCTION HOSE

#### • APPEARANCE/CONSTRUCTION:

Clear PVC with white helix.  
Corrugated cover, smooth interior.

#### • BENEFITS:

- Specially sized to fit over pipe.
- Smooth interior prevents material blockage.
- Clear wall allows easy inspection of material flow.

#### • GENERAL APPLICATIONS:

- Landfill gas recovery.
- Water/light chemical suction and transfer.

#### • TEMPERATURE RANGE:

-10°F to +130°F

#### • STANDARD LENGTHS:

2-3/8" thru 6-5/8" 100ft.  
8-5/8" 20' 25' 30'

## SPIRALITE® 125

### PVC CLEAR CORRUGATED SUCTION HOSE

#### • APPEARANCE/CONSTRUCTION:

Clear PVC with white helix.  
Corrugated cover, smooth interior.

#### • BENEFITS:

- Good combination of durability and flexibility.
- Smooth interior prevents material blockage.
- Clear wall allows easy inspection of material flow.

#### • GENERAL APPLICATIONS:

- General suction for water & light chemical solutions.

#### • TEMPERATURE RANGE:

-10°F to +130°F

#### • STANDARD LENGTHS:

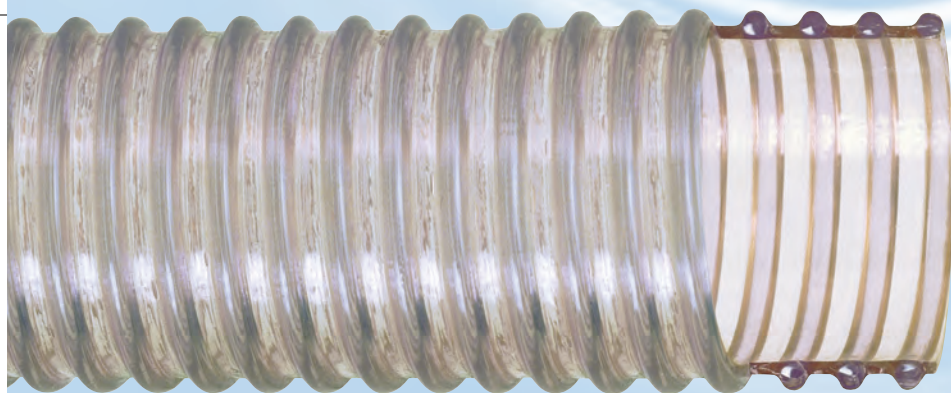
3/4" thru 6" 100ft.  
8" thru 12" 20' 25' 30'  
8" also in 50ft.





NOMINAL SIZE	inch	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
APPROX. O.D.	inch	.99	1.26	1.61	1.86	2.44	2.98	3.54	4.65	5.73	6.98	9.14	11.30	13.27
RECOMMENDED W.P. AT 68°F	psi	50	35	50	50	40	40	35	35	30	35	35	30	25
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28	28	28	21	15
RECOM. MIN. BEND RADIUS AT 68°F*	inch	1	2	3	3	4	5	6	8	11	15	18	28	36
APPROX. B.P. AT 68°F	psi	150	105	150	150	120	120	105	105	90	105	105	90	75
APPROX. WT.	lbs./ft.	.11	.14	.31	.37	.57	.77	1.04	1.65	2.34	4.08	6.34	9.10	10.14

\* BEND RADIUS FOR CONTINUOUS SERVICE.



NOMINAL SIZE	inch	1"	1 1/4"	1 1/2"	45mm	2"	57mm	2 1/2"	3"	4"
APPROX. O.D.	inch	1.26	1.61	1.82	2.13	2.44	2.67	2.98	3.54	4.65
RECOMMENDED W.P. AT 68°F	psi	35	50	50	40	40	40	40	35	35
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	3	3	4	4	4	5	6	8
APPROX. B.P. AT 68°F	psi	105	150	150	120	120	120	120	105	105
APPROX. WT.	lbs./ft.	.14	.31	.37	.51	.57	.64	.77	1.04	1.65

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 140

### PVC CLEAR FDA CORRUGATED SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Clear PVC with white helix.  
Corrugated cover, smooth interior.

- **BENEFITS:**

- Non-toxic formula conforms with FDA requirements.
- Smooth interior prevents material blockage.

- **GENERAL APPLICATIONS:**

- Food processing/handling.
- USDA meat and poultry plants.

- **TEMPERATURE RANGE:**

-10°F to +130°F

- **STANDARD LENGTHS:**

3/4" thru 6"	100ft.
8"	Up to 50ft.
10" and above	20' 25' 30'

## SPIRALITE® 145

### PVC ALL-CLEAR FDA CORRUGATED SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Clear PVC wall and helix.  
Corrugated cover, smooth interior.

- **BENEFITS:**

- Non-toxic formula conforms with FDA requirements.
- Smooth interior prevents material blockage.
- Clear construction allows easy material inspection.

- **GENERAL APPLICATIONS:**

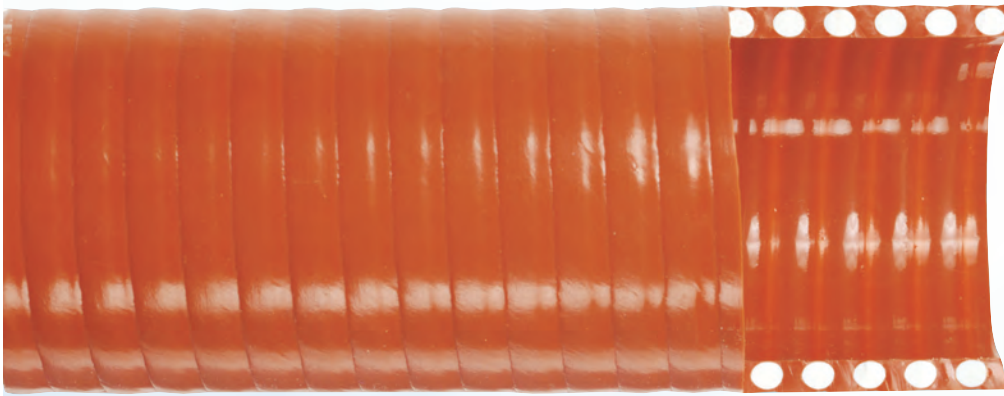
- Food processing/handling.
- USDA meat and poultry plants.

- **TEMPERATURE RANGE:**

-10°F to +130°F

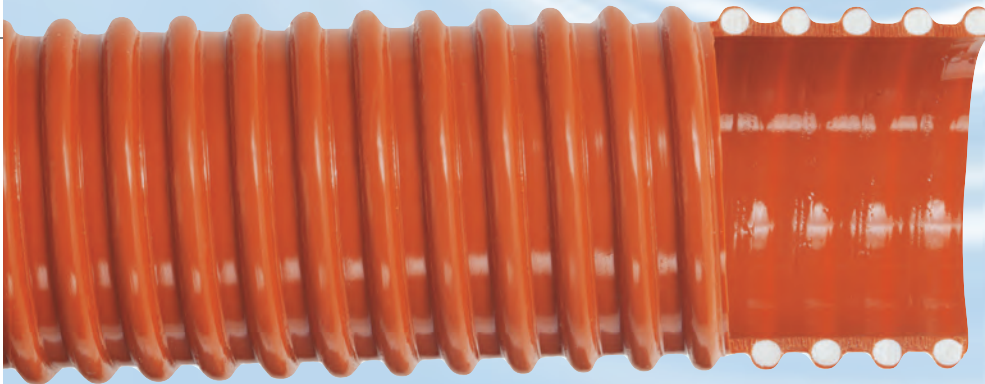
- **STANDARD LENGTHS:**

1" thru 4"	100ft.
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NOMINAL SIZE	inch	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
APPROX. O.D.	inch	1.29	1.57	1.87	2.44	2.78	3.54	4.65	5.65	6.80
RECOMMENDED W.P. AT 68°F	psi	100	90	90	85	75	75	70	55	50
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	3	4	5	7	10	12	16	21	24
APPROX. WT.	lbs./ft.	.31	.43	.57	.87	1.19	1.62	2.56	3.15	4.64

\* BEND RADIUS FOR CONTINUOUS SERVICE.



NOMINAL SIZE	inch	1 1/2"	2"	2 1/2"	3"	4"
APPROX. O.D.	inch	1.86	2.44	2.98	3.54	4.65
RECOMMENDED W.P. AT 68°F	psi	50	40	35	35	35
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	3	4	5	6	8
APPROX. WT.	lbs./ft.	.39	.60	.81	1.10	1.73

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 150

### PVC OIL RESISTANT SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Orange PVC with white helix.  
Smooth wall and interior.

- **BENEFITS:**

- Specially compounded from oil-resistant PVC.
- Excellent alternative to more expensive rubber hoses.

- **GENERAL APPLICATIONS:**

- General suction for light oils and animal fats.
- Good for use in environments where hose may be exposed to oils.

- **TEMPERATURE RANGE:**

-10°F to +130°F

- **STANDARD LENGTHS:**

1" thru 6" 100ft.

## SPIRALITE® 160

### PVC OIL RESISTANT CORRUGATED SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Orange PVC with white helix.  
Corrugated wall, smooth interior.

- **BENEFITS:**

- Specially compounded from oil-resistant PVC.
- Excellent alternative to more expensive rubber hoses.

- **GENERAL APPLICATIONS:**

- General suction for light oils and animal fats.
- Good for use in environments where hose may be exposed to oils.
- Vapor recovery.

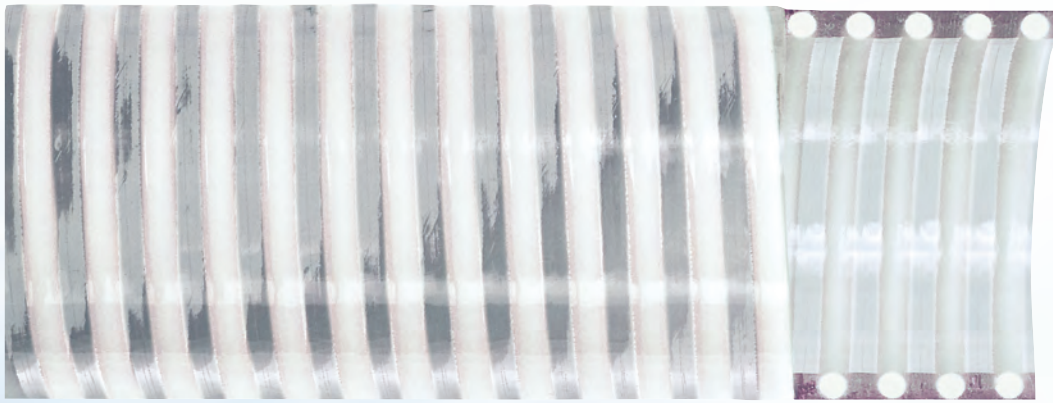
- **TEMPERATURE RANGE:**

-10°F to +130°F

- **STANDARD LENGTHS:**

1-1/2" thru 4" 100ft.





## SPIRALITE® 170

### PVC CLEAR FDA SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Clear PVC with white helix.  
Smooth wall and interior.

- **BENEFITS:**

- Non-toxic formula conforms with FDA requirements.
- Smooth interior prevents materials blockage.
- Conforms to USDA 3A standards for milk hauling.
- USDA approved for meat and poultry plants.

- **GENERAL APPLICATIONS:**

- Food processing/handling.
- Service in dairies and wineries.

- **TEMPERATURE RANGE:**

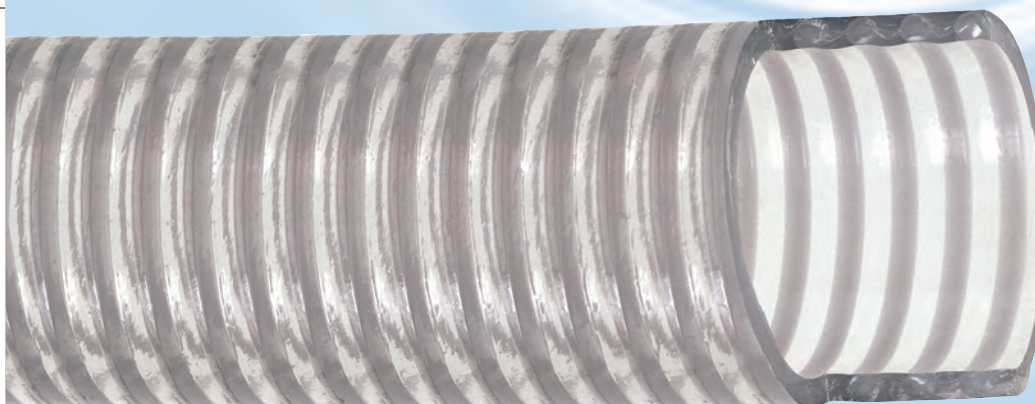
-10°F to +130°F

- **STANDARD LENGTHS:**

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

NOMINAL SIZE	inch	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
APPROX. O.D.	inch	1.01	1.27	1.53	1.82	2.36	2.90	3.44	4.52	5.65	6.80	8.95	11.34	13.39
RECOMMENDED W.P. AT 68°F	psi	100	90	90	90	70	65	55	50	45	45	40	40	35
W.P. AT 140°F	max psi	42	42	42	42	37	32	28	28	-	-	-	-	-
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28	28	28	28	26
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	3	4	5	6	8	9	13	21	24	35	41	53
APPROX. B.P. AT 68°F	psi	300	270	270	270	210	195	165	150	135	135	120	120	105
APPROX. WT.	lbs./ft.	.20	.27	.34	.47	.66	.92	1.25	1.87	3.00	4.42	6.81	12.10	15.30

\* BEND RADIUS FOR CONTINUOUS SERVICE.



## SPIRALITE® 175

### PVC ALL-CLEAR FDA SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**

Clear PVC wall and helix.  
Smooth wall and interior.

- **BENEFITS:**

- Non-toxic formula conforms with FDA requirements.
- Smooth interior prevents material blockage.
- Clear construction allows easy material inspection.
- Conforms to USDA 3A standards for milk hauling.
- USDA approved for meat and poultry plants.

- **GENERAL APPLICATIONS:**

- Food processing/handling.
- Service in dairies and wineries.

- **TEMPERATURE RANGE:**

-10°F to +130°F

- **STANDARD LENGTHS:**

3/4" thru 4" 100ft.

NOMINAL SIZE	inch	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
APPROX. O.D.	inch	1.02	1.29	1.56	1.84	2.39	2.92	3.46	4.56
RECOMMENDED W.P. AT 68°F	psi	100	100	90	90	70	65	60	50
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	3	4	5	6	8	9	13
APPROX. B.P. AT 68°F	psi	300	300	270	270	210	195	180	150
APPROX. WT.	lbs./ft.	.21	.30	.38	.48	.71	.97	1.27	2.01

\* BEND RADIUS FOR CONTINUOUS SERVICE.





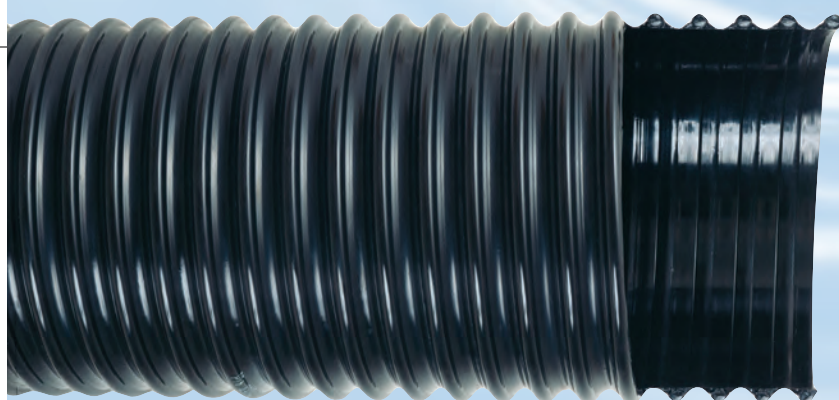
NOMINAL SIZE	inch	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"
APPROX. O.D.	inch	1.25	1.52	1.79	2.35	2.90	3.45	4.50	5.54	6.54	8.57	10.61
RECOM. MIN. BEND RADIUS AT 68°F*	inch	1	2	2	2	3	3	4	5	5	7	13
APPROX. WT.	lbs./ft.	.15	.20	.24	.39	.54	.72	1.02	1.26	1.51	2.21	2.75

## SPIRALITE® 190

### PVC CLEAR CORRUGATED LIGHT DUCT HOSE

- **APPEARANCE/CONSTRUCTION:**  
Clear PVC wall with white helix.  
Corrugated wall, and smooth interior.
- **BENEFITS:**  
– Lightweight and highly flexible.
- **GENERAL APPLICATIONS:**  
– Air ducting and dust control.  
– Transferring light abrasives.  
– Also available in Flame Resistant (UL 94V0 & USMSHA 2G-26/1) formulations on special orders.

- **STANDARD LENGTHS:**  
1" thru 6"                      100ft.  
8"                                50ft.  
10"                               25ft.



NOMINAL SIZE	inch	4"	5"	6"	7"	8"	10"
APPROX. O.D.	inch	4.52	5.54	6.54	7.55	8.57	10.61
RECOM. MIN. BEND RADIUS AT 68°F*	inch	4	5	5	5	7	13
APPROX. WT.	lbs./ft.	1.02	1.26	1.51	1.74	2.21	2.75

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 191

### PVC BLACK LEAF AND GRASS COLLECTION HOSE

- **APPEARANCE/CONSTRUCTION:**  
Black PVC wall with white helix.  
Corrugated wall, smooth interior.
- **BENEFITS:**  
– Lightweight and highly flexible.  
– Also available in Clear.
- **GENERAL APPLICATIONS:**  
– Lawn vacuums.  
– Ducting light abrasives.
- **TEMPERATURE RANGE:**  
-10°F to +130°F

- **STANDARD LENGTHS:**  
4" thru 6"                      100ft.  
7" & 8"                        50ft.  
10"                               25ft.



## SPIRALITE® 195

### PVC CLEAR HEAVY DUCT HOSE

- **APPEARANCE/CONSTRUCTION:**

Clear PVC with white helix.

- **BENEFITS:**

– Lightweight but capable of light suction duties.

- **GENERAL APPLICATIONS:**

– Air and light abrasive ducting.  
– Light dredge suction.  
– Also available in Low-Temperature version (194).

- **TEMPERATURE RANGE:**

–10°F to +130°F

- **STANDARD LENGTHS:**

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

NOMINAL SIZE	inch	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	7"	8"	10"	12"
APPROX. O.D.	inch	1.95	1.83	2.40	2.91	3.54	4.56	5.63	6.82	7.90	8.91	11.18	13.15
RECOMMENDED W.P. AT 68°F	psi	50	40	35	25	25	25	25	25	20	20	20	20
VACUUM RATING AT 68°F	in/HG	28	28	28	26	28	28	20	20	20	16	16	16
BEND RADIUS AT 68°F*	inch	3	3	4	5	6	8	10	12	15	18	23	29
APPROX. B.P. AT 68°F	psi	150	120	100	75	75	75	75	75	60	60	60	60
APPROX. WT.	lbs./ft.	.31	.32	.48	.60	.86	1.29	1.93	3.04	3.80	4.32	7.47	8.87

\* BEND RADIUS FOR CONTINUOUS SERVICE.



## SPIRALITE® 310

### PVC YELLOW 570 PSI SPRAY HOSE

- **APPEARANCE/CONSTRUCTION:**

Yellow PVC ribbed cover, smooth tube.  
Woven fabric reinforcement.

- **BENEFITS:**

– Best combination of flexibility, durability and value.

- **GENERAL APPLICATIONS:**

– Agricultural spraying.  
– Pest control.  
– Transferring compressed water and air.

- **TEMPERATURE RANGE:**

–10°F to +130°F

- **STANDARD LENGTHS:**

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

NOMINAL SIZE	inch	1/4" x 1B	3/8" x 1B	1/2" x 1B	5/8" x 1B	3/4" x 1B
INSIDE DIAMETER	inch	19/64	25/64	33/64	40/64	3/4
OUTSIDE DIAMETER	inch	17/32	43/64	13/16	31/32	1-5/64
MAX. WORKING PRESSURE AT 70°F	psi	570	570	570	570	570
DESIGN BURST PRESSURE AT 70°F	psi	1,710	1,710	1,710	1,710	1,710
APPROX. WT.	lbs./300'	24	35	47	64	80



SPIRALITE 320 3/4" 560PSI

NOMINAL SIZE	inch	3/8" x 4SP	1/2" x 4SP	3/4" x 4SP
INSIDE DIAMETER	inch	25/64	33/64	3/4
OUTSIDE DIAMETER	inch	43/64	13/16	1-5/64
MAX. WORKING PRESSURE AT 70°F	psi	560	560	560
DESIGN BURST PRESSURE AT 70°F	psi	1,710	1,710	1,710
APPROX. WT.	lbs./300'	36	48	80

SPIRALITE 340 800PSI WP

NOMINAL SIZE	inch	3/8" x 1B	1/2" x 1B	3/4" x 1B	1" x 1B
INSIDE DIAMETER	inch	25/64	33/64	3/4	1
OUTSIDE DIAMETER	inch	22/32	27/32	1-9/64	1-15/32
MAX. WORKING PRESSURE AT 70°F	psi	800	800	800	800
DESIGN BURST PRESSURE AT 70°F	psi	3,700	3,500	2,700	2,460
APPROX. WT.	lbs./300'	41	54	91	135

## SPIRALITE® 320

PVC ORANGE  
560 PSI SPRAY HOSE

- **APPEARANCE/CONSTRUCTION:**  
Orange PVC ribbed cover, smooth tube.  
Spiral yarn reinforcement.
- **BENEFITS:**
  - Durable and flexible.
- **GENERAL APPLICATIONS:**
  - Agricultural spraying.
  - Pest control.
  - Transferring compressed water and air.
- **TEMPERATURE RANGE:**  
-10°F to +130°F
- **STANDARD LENGTHS:**  
300ft.  
3/8" and 1/2" also available in 400ft.

## SPIRALITE® 340

PVC GREEN  
800 PSI SPRAY HOSE

- **APPEARANCE/CONSTRUCTION:**  
Green PVC ribbed cover, smooth tube.  
Woven fabric reinforcement.
- **BENEFITS:**
  - High working pressure in a light weight, flexible package.
- **GENERAL APPLICATIONS:**
  - Agricultural spraying.
  - Pest control.
  - Transferring compressed water and air.
- **TEMPERATURE RANGE:**  
-10°F to +130°F
- **STANDARD LENGTHS:**  
300ft.

## SPIRALITE® 410

PVC CLEAR BRAIDED HOSE

- **APPEARANCE/CONSTRUCTION:**  
Clear PVC tube with braided reinforcement.
- **BENEFITS:**
  - Non-toxic FDA formula.
- **GENERAL APPLICATIONS:**
  - Transferring liquids and air.
  - Food processing.
  - Approved for use in USDA meat and poultry plants.
- **TEMPERATURE RANGE:**  
-10°F to +130°F
- **STANDARD LENGTHS:**

1/4" thru 3/4"	300ft.
1" thru 2"	100ft.

NOMINAL SIZE	inch	3/16" x 2SP	1/4" x 2SP	5/16" x 2SP	3/8" x 2SP	1/2" x 2SP	5/8" x 2SP	3/4" x 2SP	1" x 2SP	1 1/4" x 2SP	1 1/2" x 2SP	2" x 2SP
INSIDE DIAMETER	inch	0.19291	33/128	0.31496	49/128	33/64	81/128	49/64	1	1 1/4	1 1/2	2
OUTSIDE DIAMETER	inch	0.40551	15/32	0.53543	5/8	3/4	7/8	1-1/32	1-5/16	1-3/4	2	2-1/2
MAX. WORKING PRESSURE AT 70°F	psi	250	250	200	200	200	200	150	125	100	75	75
DESIGN BURST PRESSURE AT 70°F	psi	1000	1000	1000	800	800	800	600	500	400	300	300
APPROX. WT.	lbs./Roll	16.4	19.5	24.7	32	38	45	61	32	63	74	95



## SPIRALITE® 510

### PVC CLEAR TUBING

- **APPEARANCE/CONSTRUCTION:**

Clear PVC tube.

- **BENEFITS:**

- Non-toxic FDA formula.
- Colored tubing available with minimum orders.

- **GENERAL APPLICATIONS:**

- Water and light chemical transfer.
- Approved for use in USDA meat and poultry plants.

- **TEMPERATURE RANGE:**

-10°F to +130°F

- **STANDARD LENGTHS:**

1/8" thru 1" 100ft.  
1-1/4" thru 2" 50ft.

I.D.	O.D.	WALL THICKNESS	MAXIMUM W.P. AT 68°F	APPROX. WT. LBS/ROLL
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	3.4
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.	O.D.	WALL THICKNESS	MAXIMUM W.P. AT 68°F	APPROX. WT. LBS/ROLL
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	18.6
7/8"	1-1/8"	1/8"	35	21.1
1"	1-1/4"	1/8"	30	23.8
1-1/4"	1-3/4"	1/4"	50	33.6
1-1/2"	2"	1/4"	40	42.9
2"	2-3/8"	3/16"	25	38.2



## SPIRALITE® 850

### "PAC-FLEX" PVC GRAY FLEXIBLE HOSE

- **APPEARANCE/CONSTRUCTION:**

Gray tube with white helix.  
Smooth cover and interior.

- **BENEFITS:**

- Manufactured to schedule 40 sizing specifications.
- Glues into standard 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.
- Plumbing drain (no pressure) lines.

- **TEMPERATURE RANGE:**

-10°F to +130°F

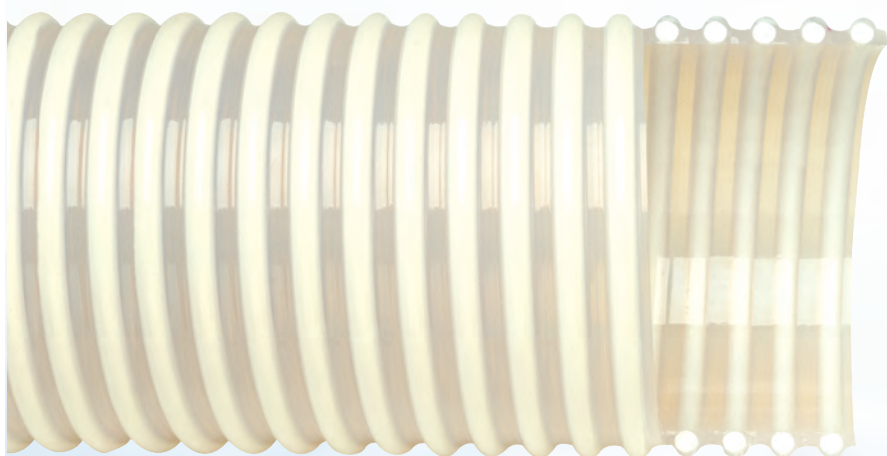
- **STANDARD LENGTHS:**

1/2" thru 6" 100ft.

NOMINAL SIZE	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
APPROX. O.D.	inch	.85	1.06	1.33	1.67	1.91	2.38	2.89	3.50	4.50	6.61
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	2	3	4	5	6	7	8	11	16
APPROX. WT.	lbs./ft.	.15	.23	.32	.40	.50	.70	.95	1.28	1.93	4.42

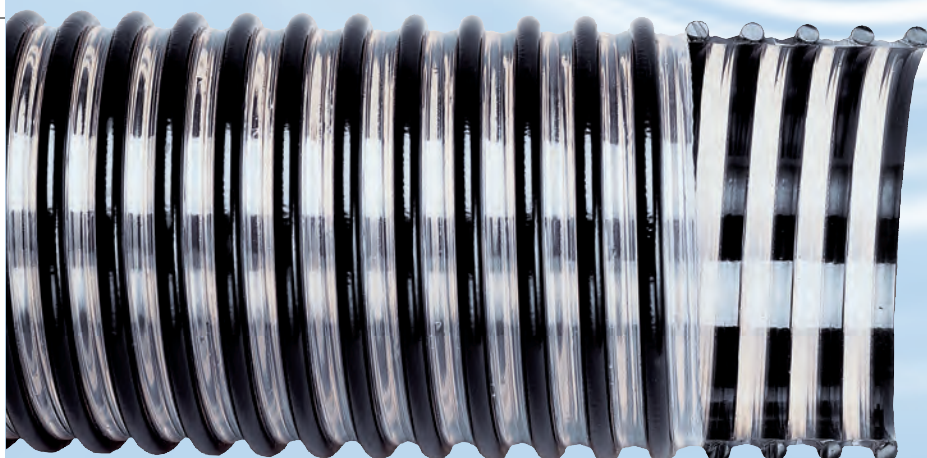
\* BEND RADIUS FOR CONTINUOUS SERVICE.





NOMINAL SIZE	inch	2"	3"	4"	5"	6"
APPROX. O.D.	inch	2.44	3.54	4.65	5.73	6.98
RECOMMENDED W.P. AT 68°F	psi	40	35	35	30	30
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	4	6	8	12	15
APPROX. B.P. AT 68°F	psi	120	105	105	90	90
APPROX. WT.	lbs./ft	.58	1.08	1.71	2.41	4.22

\* BEND RADIUS FOR CONTINUOUS SERVICE.



NOMINAL SIZE	inch	4"	5"
APPROX. O.D.	inch	4.49"	5.69"
RECOM. MIN. BEND RADIUS AT 68°F*	inch	8"	10"
APPROX. WT.	lbs./ft.	1.00	1.61

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 920

### PVC-POLYURETHANE BLEND MATERIAL HANDLING HOSE

- **APPEARANCE/CONSTRUCTION:**

Milky-white PVC/Polyurethane tube with white PVC helix.

Corrugated cover, smooth tube.

- **BENEFITS:**

– Excellent combination of flexibility and abrasion resistance.

- **GENERAL APPLICATIONS:**

– Abrasive material handling.  
– Transferring bark, straw and mulch for lawn care.  
– Handling insulation materials.

- **TEMPERATURE RANGE:**

-10°F to +130°F

- **STANDARD LENGTHS:**

2" thru 6" 100ft.

## SPIRALITE® 940

### PVC - POLYURETHANE BLEND DUCT AND BLOWER HOSE

- **APPEARANCE/CONSTRUCTION:**

Clear PVC/Polyurethane wall with black helix.

Corrugated wall, and smooth interior.

- **BENEFITS:**

– Unique blend of material provide excellent abrasion resistance.

- **GENERAL APPLICATIONS:**

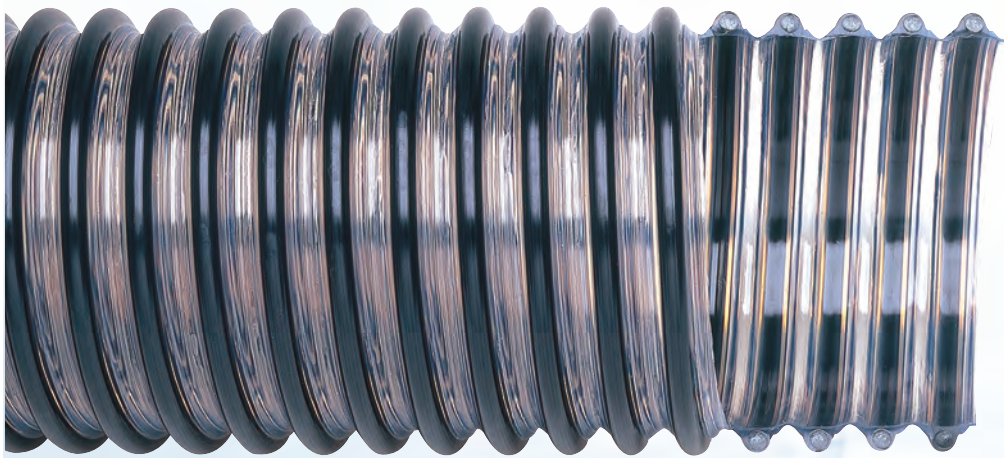
– Material conveying.  
– Transferring abrasive applications.  
– Bark blowing applications.

- **TEMPERATURE RANGE:**

-10°F to 130°F

- **STANDARD LENGTHS:**

4" and 5" 100ft.



NOMINAL SIZE	inch	3"	4"	5"	6"
APPROX. O.D.	inch	3.50	4.57	5.57	6.60
RECOM. MIN. BEND RADIUS AT 68°F*	inch	4	6	6	7
APPROX. WT.	lbs./ft	.86	1.09	1.38	1.69

*\* BEND RADIUS FOR CONTINUOUS SERVICE.*

## SPIRALITE® 960

### URETHANE BLENDED DUCT HOSE

#### • APPEARANCE/CONSTRUCTION:

PVC/Polyurethane blended tube with PVC helix.  
Corrugated exterior with smooth interior.

#### • BENEFITS:

- Polyurethane blended wall for added abrasion resistance.
- Improved wall design enhances flexibility.
- PVC reinforcement resist crushing.
- Extremely flexible.

#### • GENERAL APPLICATIONS:

- Tight bend areas with light abrasive material transfer.
- Blown insulation applications.
- Ice slinger hose.

#### • TEMPERATURE RANGE:

-10°F to +130°F

#### • STANDARD LENGTHS:

3" thru 6"                      100ft.





NOMINAL SIZE	inch	1 1/2"	2"	2 1/2"	3"	4"	6"
APPROX. O.D.	inch	1.92	2.43	2.92	3.53	4.65	6.76
RECOMMENDED W.P. AT 68°F	psi	70	60	45	45	45	30
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	5	6	8	9	12	20
APPROX. B.P. AT 68°F	psi	210	180	135	135	135	90
APPROX. WT.	lbs./ft.	.60	.80	1.07	1.45	2.30	3.98

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 1000

### RUBBER STANDARD SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**  
Rubber tube with black PVC helix. Smooth cover and interior.
- **BENEFITS:**
  - Good blend of durability, handling weight and flexibility.
  - Static-dissipating tube.
- **GENERAL APPLICATIONS:**
  - Material Handling.
  - Water/light chemical suction and transfer.
  - Transferring moderate abrasives.
- **TEMPERATURE RANGE:**  
-30°F to +140°F
- **STANDARD LENGTHS:**  
1-1/2" thru 6"                      100ft.



NOMINAL SIZE	inch	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	8"
APPROX. O.D.	inch	1.88	2.41	2.98	3.54	4.04	4.65	5.77	6.86	9.10
RECOMMENDED W.P. AT 68°F	psi	50	40	35	35	30	30	30	25	25
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	3	4	5	6	8	8	9	12	16
APPROX. B.P. AT 68°F	psi	150	120	105	105	90	90	80	75	75
APPROX. WT.	lbs./ft.	.38	.54	.77	1.05	1.25	1.68	2.40	3.18	5.73

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 1100

### CORRUGATED RUBBER SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**  
Rubber tube with black PVC helix. Corrugated cover, smooth interior.
- **BENEFITS:**
  - Good blend of durability, handling weight and flexibility.
  - Static-dissipating tube.
- **GENERAL APPLICATIONS:**
  - Material handling.
  - Water/light chemical suction and transfer.
  - Transferring moderate abrasives.
- **TEMPERATURE RANGE:**  
-30°F to +140°F
- **STANDARD LENGTHS:**  
1-1/2" thru 6"                      100ft.  
8"                                      50ft.



NOMINAL SIZE	inch	2"	2 1/2"	3"	4"	5"	6"	8"
APPROX. O.D.	inch	2.37	2.91	3.48	4.55	5.65	6.78	8.87
RECOMMENDED W.P. AT 68°F	psi	35	30	30	25	25	25	20
VACUUM RATING AT 68°F	in/HG	28	28	28	25	25	25	25
RECOM. MIN. BEND RADIUS AT 68°F*	inch	4	5	6	9	10	12	17
APPROX. B.P. AT 68°F	psi	105	90	90	75	75	75	60
APPROX. WT.	lbs./ft.	.49	.66	.91	1.36	2.08	2.86	4.23

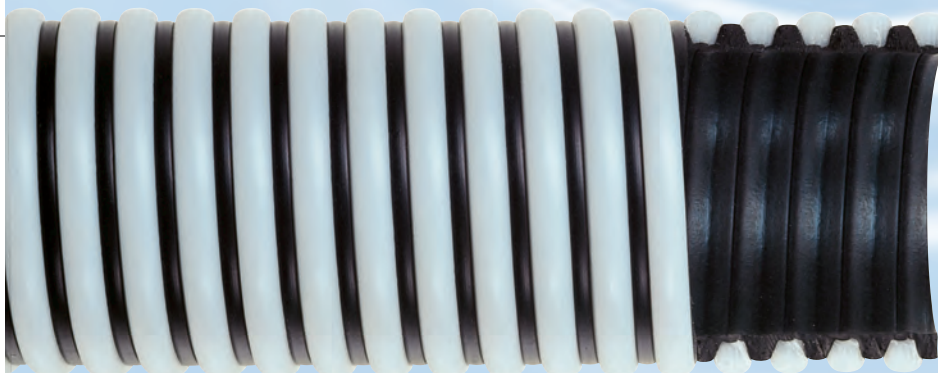
\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 1200

### CORRUGATED RUBBER DUCT HOSE

- **APPEARANCE/CONSTRUCTION:**  
Rubber tube with black PVC helix.  
Corrugated cover, smooth interior.
- **BENEFITS:**
  - Lightweight and durable.
  - Static-dissipating tube.
- **GENERAL APPLICATIONS:**
  - Material handling.
  - Air, abrasive dust ducting.
  - Light abrasive suction.
- **TEMPERATURE RANGE:**  
-30°F to +140°F
- **STANDARD LENGTHS:**

2" thru 6"	100ft.
8"	50ft.



NOMINAL SIZE	inch	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
APPROX. O.D.	inch	1.34	1.61	1.96	2.49	3.00	3.60	4.69	6.86
RECOMMENDED W.P. AT 68°F	psi	80	70	60	60	50	50	45	35
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	20
RECOM. MIN. BEND RADIUS AT 68°F*	inch	4	5	6	9	11	12	17	27
APPROX. B.P. AT 68°F	psi	240	210	180	180	150	150	135	105
APPROX. WT.	lbs./ft.	.23	.30	.49	.69	.91	1.205	1.83	3.84

\* BEND RADIUS FOR CONTINUOUS SERVICE.

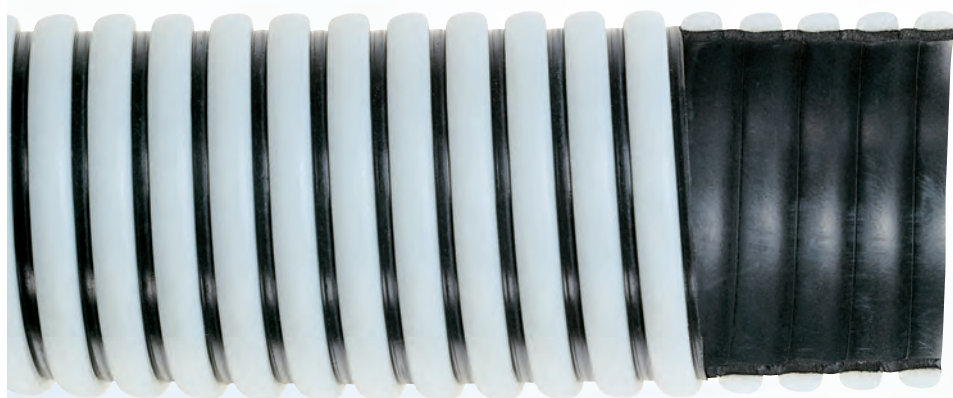
## SPIRALITE® 2000

### EPDM RUBBER SUCTION HOSE

- **APPEARANCE/CONSTRUCTION:**  
Black EPDM rubber tube with natural poly-ethylene helix.  
Corrugated wall, smooth interior.
- **BENEFITS:**
  - Excellent flexibility and durability.
  - Good chemical resistance (see chemical resistance chart).
- **GENERAL APPLICATIONS:**
  - Transferring light chemical and fertilizer solutions.
  - Septic service.
  - Transferring light abrasives.
- **TEMPERATURE RANGE:**  
-30°F to +140°F
- **STANDARD LENGTHS:**

1" thru 6"	100ft.
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NOMINAL SIZE	inch	1 1/2"	2"	2 1/2"	3"	4"	6"
APPROX. O.D.	inch	1.83	2.42	3.00	3.59	4.68	6.88
RECOMMENDED W.P. AT 68°F	psi	33	27	25	24	22	20
RECOM. MIN. BEND RADIUS AT 68°F*	inch	3	4	5	6	7	10
APPROX. B.P. AT 68°F	psi	100	80	75	72	66	60
APPROX. WT.	lbs./ft.	.30	.45	.65	.89	1.27	2.43

\* BEND RADIUS FOR CONTINUOUS SERVICE.



NOMINAL SIZE	inch	1 1/2"	2"	3"	4"
APPROX. O.D.	inch	2.07	2.66	3.86	4.87
RECOMMENDED W.P. AT 68°F	psi	100	100	85	70
VACUUM RATING AT 68°F	in/HG	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F	inch	4	4	6	8
APPROX. B.P. AT 65°F	psi	300	310	260	210
APPROX. WT.	lbs./ft.	.55	.88	1.48	2.30

## SPIRALITE® 2400

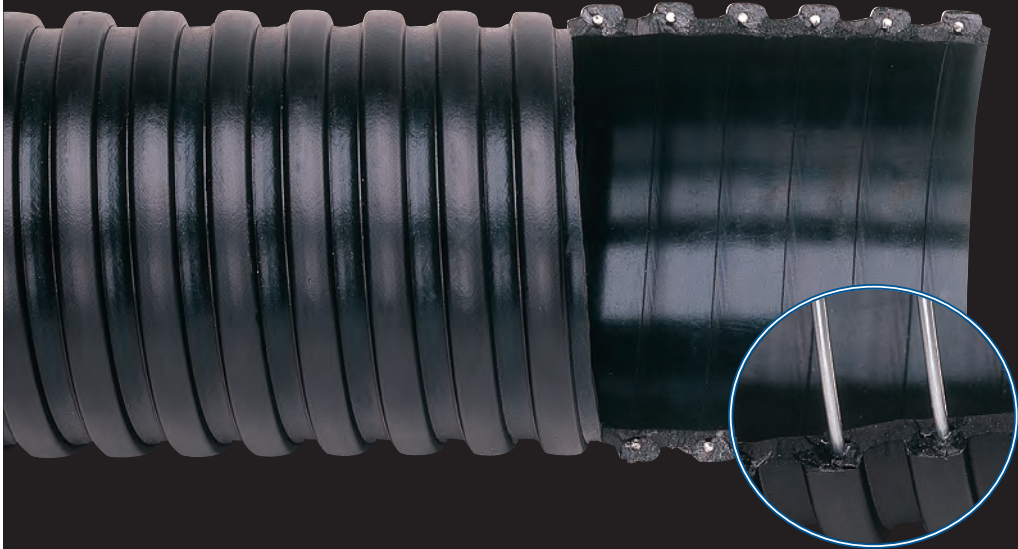
### EPDM RUBBER DUCT HOSE

- **APPEARANCE/CONSTRUCTION:**  
Black EPDM rubber tube with natural poly-ethylene helix.  
Corrugated wall, smooth interior.
- **BENEFITS:**
  - Excellent flexibility and durability.
  - Good chemical resistance (see chemical resistance chart).
- **GENERAL APPLICATIONS:**
  - Air and corrosive atmosphere.
  - Water/light chemical suction and transfer.
- **TEMPERATURE RANGE:**  
-30°F to +140°F
- **STANDARD LENGTHS:**  
1-1/2" thru 6"                      100ft.

## SPIRALITE® 2700

### BRAIDED EPDM RUBBER SUCTION / DISCHARGE HOSE

- **APPEARANCE/CONSTRUCTION:**  
Black EPDM rubber tube and wall with polyester braid reinforcement; black poly-ethylene helix.  
Corrugated wall, smooth interior.
- **BENEFITS:**
  - Excellent flexibility and durability.
  - Higher working pressure than standard EPDM.
  - Good chemical resistance (see chemical resistance chart).
- **GENERAL APPLICATIONS:**
  - Suction / Discharge service for industry and agriculture.
  - Applications requiring the chemical resistance of EPDM rubber at higher working pressures.
- **TEMPERATURE RANGE:**  
-30°F to +140°F
- **STANDARD LENGTHS:**  
2" thru 4"                      100ft.



## SPIRALITE® 2800

NOMINAL SIZE	inch	3"	4"	5"	6"	8"
APPROX. O.D.	inch	3.57	4.69	5.81	6.82	8.56
RECOMMENDED W.P. AT 68°F	psi	30	29	28	28	25
RECOM. MIN. BEND RADIUS AT 68°F	inch	6	6	10	10	15
*APPROX. B.P. AT 68°F*	psi	100	90	85	85	75
APPROX. WT.	lbs./ft	1.45	2.20	3.25	3.91	5.20





NOMINAL SIZE	inch	2"	2.5"	3"	4"
APPROX. O.D.	inch	2.53	3.12	3.69	4.77
RECOMMENDED W.P. AT 68°F	psi	60	50	50	45
VACUUM RATING AT 68°F	in/HG	28	28	28	28
BEND RADIUS AT 68°F	inch	9	11	12	17
APPROX. B.P. AT 68°F	psi	180	150	150	135
APPROX. WT.	lbs./ft	.87	1.02	1.61	2.30



- This hose is engineered with a NBR tube & cover for the pressure, gravity flow or suction movement of gasoline and petroleum base products with an aromatic content not to exceed 50%.
- Spiralite® 5000 is compounded especially to remain flexible to temperature readings of -30°F.
- Standard hose includes static conductive tube and copper static wire.

- Spiralite® 5000 is manufactured to offer
  - Extra Durability and abrasion resistance.
  - High resistance to gasoline and natural elements such as ozone weather cracking.
  - Lightweight for ease of handling.
- See Banding Sleeve 5500 for drop hose
- See W187 for vapor recovery hose.

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**PEI**  
PETROLEUM EQUIPMENT INSTITUTE

ID	OD	WP @ 72°F	BURST @ 72°F	BEND. RADIUS"	WEIGHT/FT.
2"	2.66	100	400	4	.87
2-1/2"	3.19	100	360	5	1.13
3"	3.76"	65	260	6	1.71
4"	4.79"	65	260	8	2.44

**CONSTRUCTION:** Tube-Black Synthetic Rubber  
Reinforcement - Polyester and Static Wire  
Cover - Yellow PVC Helix  
Banding Sleeve - Black PVC

**LENGTH:** Spiralite® 5000 Drop Hose —100'

## SPIRALITE® 4000

**NBR RUBBER  
OIL AND GREASE  
SUCTION HOSE**

### • APPEARANCE/CONSTRUCTION:

Black NBR-blended rubber tube with white PVC helix.  
Corrugated wall, smooth interior.

### • BENEFITS:

- Excellent oil resistance.
- Lightweight and flexible.

### • GENERAL APPLICATIONS:

- Grease trap cleaning.
- Oil suction and transfer.

### • TEMPERATURE RANGE:

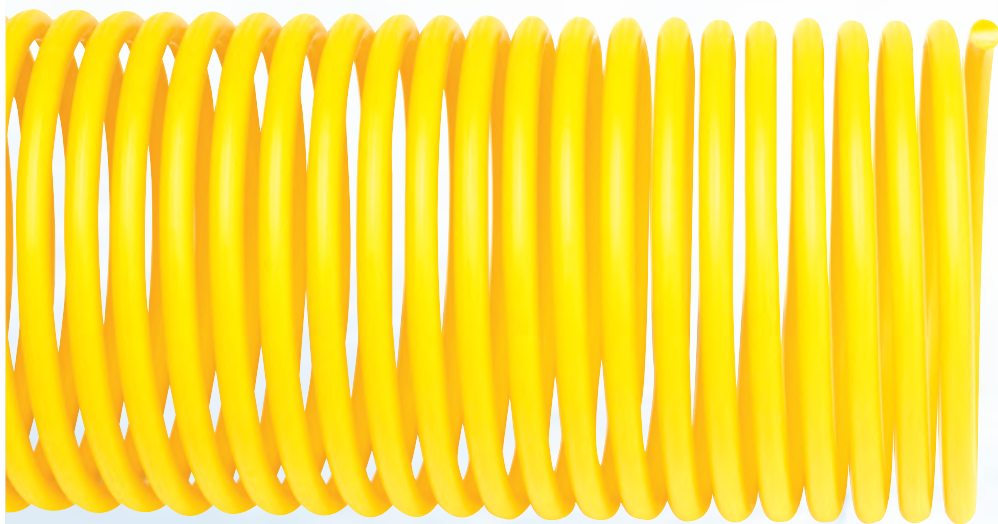
-30°F to +140°F

### • STANDARD LENGTHS:

2" thru 4" 100ft.

## SPIRALITE® 5000

**PETROLEUM TANK DROP HOSE  
WITH STATIC WIRE**

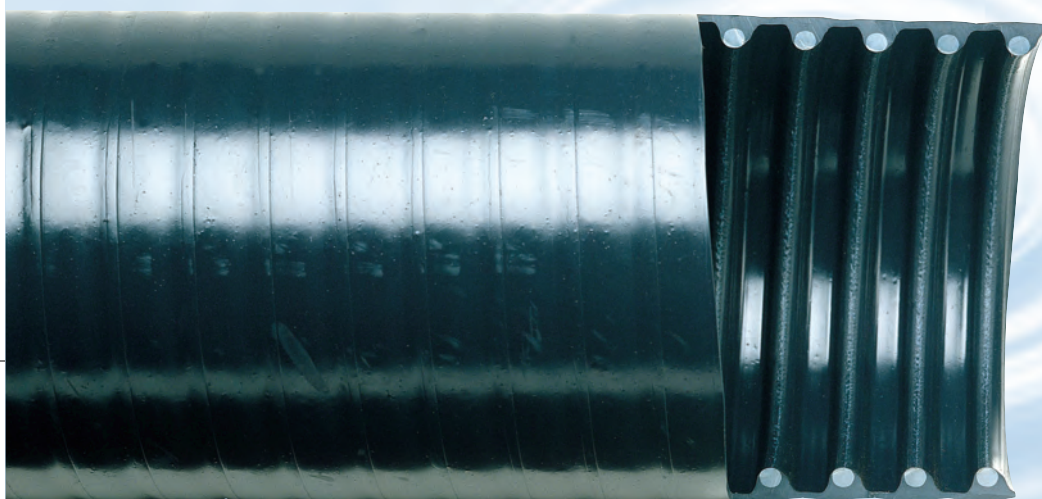


## **SPIRALITE® 5200**

### **SPRING SLEEVE**

- Yellow PVC.
- Winds into valleys between helix.
- Provides smooth banding surface.

- **AVAILABLE SIZES:**  
1-1/2", 2", 2-3/8", 3", 4", and 6"
- **STANDARD LENGTH:**  
3ft.

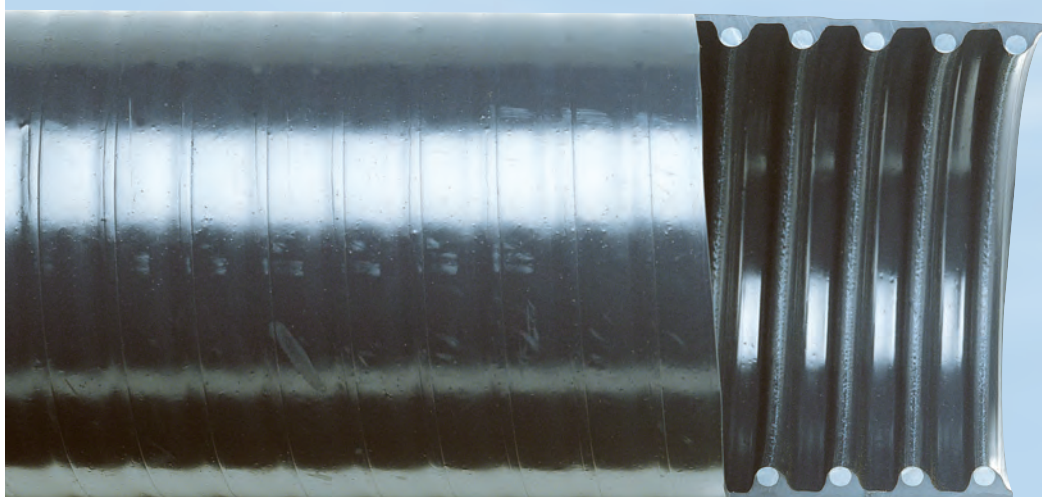


## **SPIRALITE® 5500**

### **BLACK BANDING SLEEVE FOR TANK DROP HOSE**

- Soft Black PVC.
- Designed to fit Spiralite® 5000.
- Provides smooth banding surface.

- **AVAILABLE SIZES:**  
3" and 4"
- **STANDARD LENGTH:**  
3ft.



## **SPIRALITE® 5600**

### **GRAY BANDING SLEEVE FOR VAPOR RECOVERY HOSE**

- Soft Gray PVC.
- Designed to fit Spiralite® W187.
- Provides smooth banding surface.

- **AVAILABLE SIZES:**  
3" and 4"
- **STANDARD LENGTH:**  
3ft.

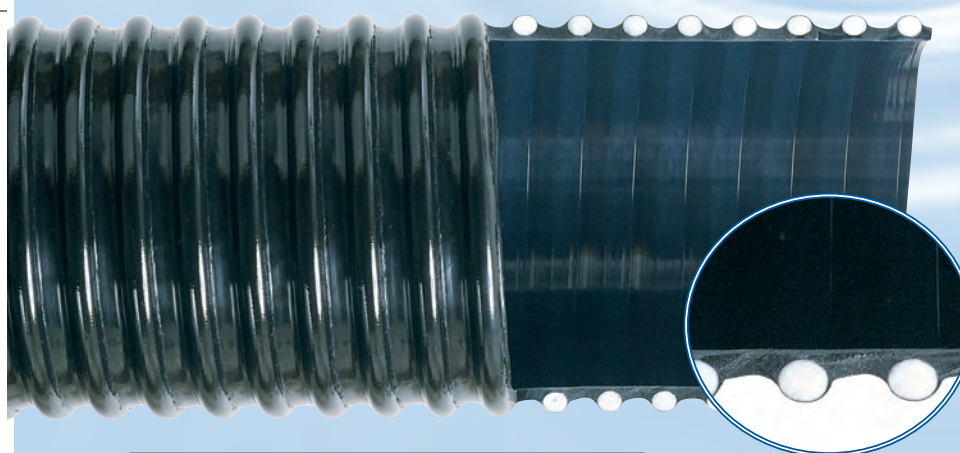




**NEW!**

NOMINAL SIZE	inch	1"	1 1/4"	1 1/2"	2"	3"	4"	6"	8"	10"
APPROX. O.D.	inch	1.38	1.66	1.89	2.45	3.61	4.73	7.13	9.30	11.50
RECOMMENDED W.P. AT 68°F	psi	100	100	100	100	100	75	70	50	35
APPROX. B.P. AT 68°F	psi	400	400	280	280	280	200	180	150	105
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	3"	3"	4"	5"	7"	8"	12"	30"	44"
APPROX. WT.	lbs./ft.	.27	.33	.36	.54	1.07	1.74	3.81	5.00	7.48

\* BEND RADIUS FOR CONTINUOUS SERVICE.  
FOOD GRADE VERSION 6250-00.



NOMINAL SIZE	inch	2"	2 1/2"	3"	4"
APPROX. O.D.	inch	2.51	3.05	3.57	4.73
RECOMMENDED W.P. AT 68°F	psi	45	45	40	35
VACUUM RATING AT 68°F	in/HG	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	3	4	5	8
APPROX. B.P. AT 68°F	psi	135	135	120	110
APPROX. WT.	lbs./ft.	.68	.96	1.15	1.94

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® 6200

### BRAIDED CLEAR PVC CORRUGATED HOSE

#### • APPEARANCE/CONSTRUCTION:

Clear PVC with corrugated white helix containing a braided reinforcement.

#### • BENEFITS:

- Clear wall allows easy inspection of material flow.
- Smooth inside prevents material blockage.
- Exposed helix, less resistance to dragging.
- Braided wall handles higher pressures.
- Braided construction reduces elongation during application.

#### • GENERAL APPLICATIONS:

- General suction for water & light chemical solutions.

#### • TEMPERATURE RANGE:

-10°F to +130°F

#### • STANDARD LENGTHS:

1" thru 6" 100ft.  
8" and above 20' 25' 30' 35' 40'

## SPIRALITE® U125

### POLYURETHANE LINED PVC SUCTION HOSE

#### • APPEARANCE/CONSTRUCTION:

Black PVC cover with white helix. Corrugated outside, smooth polyurethane tube.

#### • BENEFITS:

- Compounded for outstanding adhesion between wall and lining.
- Excellent abrasion resistance.

#### • GENERAL APPLICATIONS:

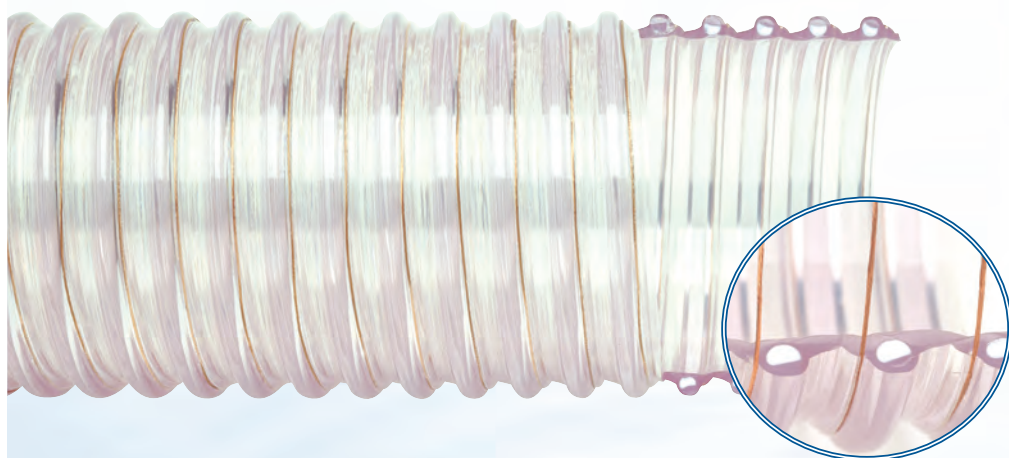
- Abrasive material handling.
- Shot blast recovery lines.
- Industrial vacuums.
- Pellet & grain transfer.

#### • TEMPERATURE RANGE:

-10°F to +130°F

#### • STANDARD LENGTHS:

2" thru 4" 100ft.



## SPIRALITE® W145

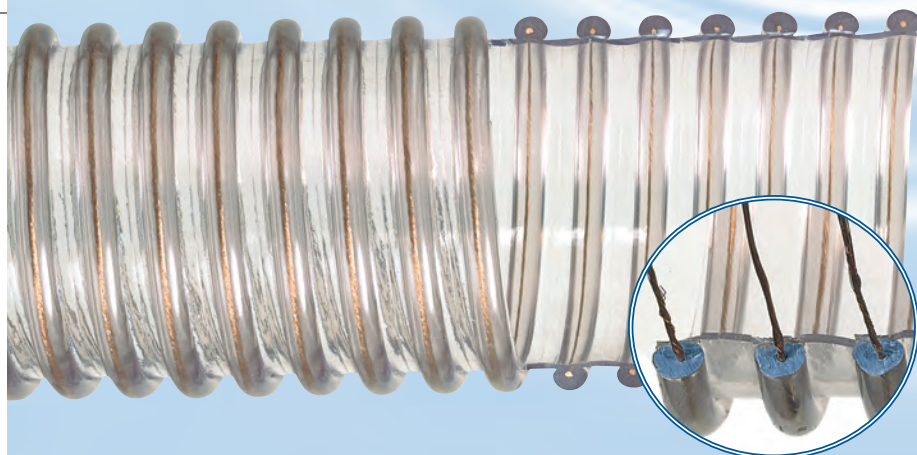
### ALL-CLEAR PVC CORRUGATED FOOD GRADE SUCTION HOSE WITH STATIC WIRE

- **APPEARANCE/CONSTRUCTION:**  
Clear PVC tube and helix.  
Corrugated wall, smooth interior.  
Static-conductive wire.
- **BENEFITS:**
  - Lightweight and highly flexible.
  - Non-toxic PVC conforms to FDA standards.
  - All clear construction allows easy material inspection.
- **GENERAL APPLICATIONS:**
  - Pneumatic conveying powder, pellets and granular materials.
- **TEMPERATURE RANGE:**  
-10°F to +130°F
- **STANDARD LENGTHS:**  
1-1/4" thru 6"      100ft.

NOMINAL SIZE	inch	1-1/4"	1-1/2"	45mm	2"	57mm	2-1/2"	3"	4"	5"	6"
APPROX. O.D.	inch	1.61"	1.82	2.13	2.37	2.67	3.01	3.62	4.54	5.73	6.98
RECOMMENDED W.P. AT 68°F	psi	50	50	40	40	40	40	35	35	30	35
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	24	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	3	3	4	4	4	5	6	8	11	15
APPROX. B.P. AT 68°F	psi	150	150	120	120	120	120	105	105	90	105
APPROX. WT.	lbs./ft.	.32	.38	.49	.58	.64	.79	1.06	1.68	2.34	4.13

\* BEND RADIUS FOR CONTINUOUS SERVICE.

\*\* 5" AND 6" WILL HAVE WHITE HELIX



## SPIRALITE® W185

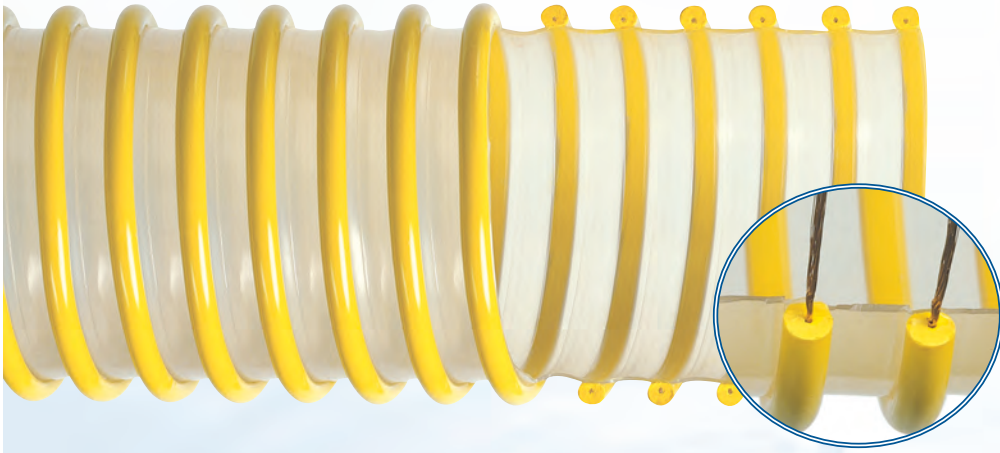
### ALL-CLEAR PVC CORRUGATED FOOD GRADE DUCT HOSE WITH STATIC WIRE

- **APPEARANCE/CONSTRUCTION:**  
Clear PVC tube and helix.  
Corrugated wall, smooth interior.  
Static-conductive wire.
- **BENEFITS:**
  - Lightweight and highly flexible.
  - Non-toxic PVC conforms to FDA standards.
  - All clear construction allows easy material inspection.
- **GENERAL APPLICATIONS:**
  - Low-volume conveying of powder and pellets.
- **TEMPERATURE RANGE:**  
-10°F to +130°F
- **STANDARD LENGTHS:**  
1-1/2" thru 6"      100ft.

NOMINAL SIZE	inch	1 1/2"	39mm	45mm	2"	57mm	2 1/2"	3"	4"	5"	6"
APPROX. O.D.	inch	1.87	1.91	2.20	2.44	2.69	2.98	3.53	4.58	5.62	6.67
VACUUM RATING AT 68°F	in/HG	28	28	28	28	28	28	28	28	28	28
RECOM. MIN. BEND RADIUS AT 68°F*	inch	2	2	2	2	3	3	3	4	4	5
APPROX. WT.	lbs./ft.	.36	.36	.45	.58	.53	.61	.85	1.13	1.55	1.88

\* BEND RADIUS FOR CONTINUOUS SERVICE.





NOMINAL SIZE	inch	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
APPROX. O.D.	inch	1.88	2.43	2.96	3.54	4.56	5.51	6.52	8.75
RECOM. MIN. BEND RADIUS AT 68°F*	inch	1.5	2	2.5	3	4	5	6	10
APPROX. WT.	lbs./ft.	.36	.48	.61	.69	.92	1.13	1.24	2.42

\* BEND RADIUS FOR CONTINUOUS SERVICE.

## SPIRALITE® W187

### CORRUGATED POLYURETHANE VAPOR RECOVERY HOSE WITH STATIC WIRE

- **APPEARANCE/CONSTRUCTION:**

Clear Polyurethane tube with Yellow PVC helix and static wire.

- **BENEFITS:**

- Lightweight and highly flexible.
- Resistant to chemical vapors and light abrasives.
- Static conductive wire.

- **GENERAL APPLICATIONS:**

- Vapor recovery for use with Spirelite® 5000.
- Ducting dust and light abrasives.

- **TEMPERATURE RANGE:**

-30°F to +140°F

- **STANDARD LENGTHS:**

1-1/2" thru 6"                      100ft.  
8"                                      50ft.

- **See 5600 for Vapor Recovery Banding Sleeve**



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## **SPIRALITE® 3000**

### **SPIRAL DOUBLE BOLT CLAMP**

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- Cadmium plated steel.
- Specially designed to fit Spiralite® corrugated hoses.
- Prevent leaks.

• **AVAILABLE SIZES:**

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

Also available in pipe-sizes:  
2-3/8", 3-1/2", 4-1/2", 6-5/8", and 8-5/8"



# EPDM CHEMICAL RESISTANCE CHART

A=SATISFACTORY  
B=BE EXPECTED TO CHANGE  
C=UNSATISFACTORY

Chemical	Resistance Rating at 68°F	Chemical	Resistance Rating at 68°F
Acetone	A	Hexanol	B
Ammonia	A	Hydrochloric Acid	A
Ammonia Solution	A	Hydrogen Sulfide	C
Ammonium Carbonate	A	Iron Ore	B
Amyl Acetate	B	Iso-Octane	C
Amyl Alcohol	A	Iso-Propyl Alcohol	A
Animal Oil	B	Latex	C
ASTM No. 1-3 Oil	C	Magnesium Chloride	A
Benzene	C	Magnetite Sand	A
Butane	C	Methane	C
Butyl Alcohol	B	Methanol	A
Butyl Acetate	B	Methyl Acetate	B
Butylene Calcium Hydroxide	A	Naptha	C
Carbonic Acid Gas	B	Nierus Acid	B
Carbonic Dioxide	A	Octyl Alcohol	A
Cement	A	Oxygene	A
Citric Acid	A	Phosphoric Acid	A
Coal Tar	C	Phosphoric Slurry	B
Cottonseed Oil	C	Potassium Hydroxide	A
Creasote	C	Potassium Phosphate	B
Crude Oil	C	Propane	C
Cyclo Hexane	B	Propyl Acetate	B
Diesel Oil	C	Propylene	C
Dilute Nitric Acid	C	Silicic Acid	C
Dilute-Sulphuric Acid 50%	B	Sodium Acetate	A
Ethyl Alcohol	A	Soybean Oil	C
Ethylene Glycol	A	Sodium Hydroxide	C
Farma Line	A	Steam	A
Fish Oil	C	Suffurous Acid Gas	A
Formic Acid	A	Toluene	C
Fuel Oil	C	Vegetable Oil	C
Gas	C	Wood Chip	B
Glycerol	A	Xylene	C
Glycol	A	Xylole	C
Grain	A	Zinc Acetate	A
		Zinc Sulfate	A

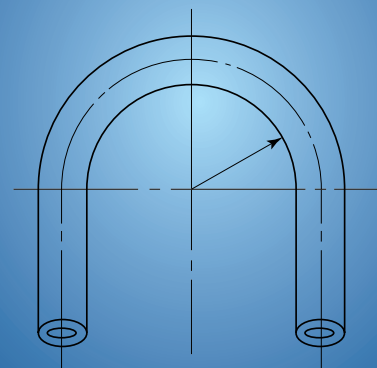
## PROPERTIES OF SPIRALITE® 2000

O=EXCELLENT RESISTANCE  
!=GOOD RESISTANCE  
X=POOR RESISTANCE

Condition	2000 EPDM	Vinyl Suction	Conventional Rubber Suction
Weather Resistance	O	O	X
Aging Resistance	O	!	O
Property Under Low Temperature	!	X	O
Property Under High Temperature	!	!	O
Property of Helix Cracking	O	X	!
Electro Conductivity	O	X	!
Bending Habit	!	X	O
Oil Resistance	X	!	X
Acid Resistance	!	!	X
Alkali Resistance	O	!	O
Agricultural Chemical Resistance	O	!	X

## BEND RADIUS DEFINITION

The radius to which a hose can be bent in service without damage or lowering its life which is measured to the inside of the curvature.



## PVC CHEMICAL RESISTANCE CHART

**A=SATISFACTORY B=BE EXPECTED TO CHANGE C=UNSATISFACTORY \*-CHECK WITH FACTORY**

NOTE: THIS PARTIAL LISTING IS FOR GENERAL GUIDANCE ONLY AND NO WARRANTY CAN BE EXTENDED AS EXACT OPERATING CONDITIONS MAY VARY IN EACH CASE. WE BASE THE INFORMATION ON PAST KNOWLEDGE AND EXPERIENCE.

Chemical	Concentration by Weight	Operating Conditions		Chemical	Concentration by Weight	Operating Conditions		Chemical	Concentration by Weight	Operating Conditions	
		68°F	140°F			68°F	140°F			68°F	140°F
Acetate Solvents		C	C	Cresylic Acid		C	C	Methyl Ethyl Ketone		C	C
Acetic Acid	10%	A	B	Cyclohexane		A	B	Methylene Chloride		C	C
Acetic Acid	Glacial	B	C	DDT Weed Killer		C	C	Mineral Oils		A	B
Acetone		C	C	Detergent Synthetic		A	B	Monochlorobenzene		C	C
Acrylonitrile		A	B	Developers Photographic		A	A	Naphtha		B	C
Adipic Acid		A	B	Dextrin		A	A	Naphthalene		C	C
Alcohol Methyl		A	B	Dextrose		A	A	Nitric Acid	10%	A	A
Alcohol Ethyl		A	B	Dibutyl Phthalate		C	C	Nitric Acid	40%	A	B
Alcohol Isopropyl		A	B	Dichlorobenzene		C	C	Nitric Acid	70%	C	C
Alcohol Methyl		A	B	Diesel Oil		B	C	Nitrobenzene		C	C
Aluminum Acetate		A	-	Diethylene Glycol		A	A	Nitrogen Fertilizers		A	-
Aluminum Chloride		A	A	Diethyl Ether		C	C	Oleic Acid		A	B
Aluminum Hydroxide		A	-	Dioctyl Phthalate		C	C	Oxalic Acid		A	A
Aluminum Sulfate		A	A	Emulsifiers		A	A	Palmitic Acid		A	A
Allyl Chloride		C	C	Emulsions Photographic		A	A	Paraffin		A	A
Ammonia	0.88S.G. Aqueous	A	A	Ethyl Acetate		C	C	Pentane		A	A
Ammonia	Dry Gas	A	-	Ethylene Dichloride		C	C	Perchloroethylene		C	C
Ammonia	Liquid	C	C	Ethylene Glycol		A	A	Phenol		B	C
Ammonium Chloride		A	A	Fatty Acid		A	A	Phosphoric Acid		A	A
Animal Oils		A	A	Ferric Chloride		A	A	Pitch		A	B
Amyl Acetate		C	C	Ferric Sulphate		A	A	Potassium Hydroxide		A	A
Aniline Oils		B	C	Ferrous Chloride		A	A	Propane		A	A
Aromatic Hydrocarbons		C	C	Ferrous Sulphate		A	A	Sea Water		A	A
Asphalt		C	C	Fixing Solution Photographic		A	A	Sodium Hydroxide	10%	C	C
ASTM Fuel A		B	B	Fluorine		C	C	Sodium Hydroxide	50%	C	C
ASTM Fuel B		C	C	Formaldehyde	40%	C	C	Sodium Cyanide		A	A
ASTM #1 Oil		A	A	Formic Acid	40%	A	A	Soybean Oil		A	B
ASTM #3 Oil		B	C	Formic Acid	50%	B	C	Stearic Acid		A	A
Barium Chloride		A	A	Formic Acid	100%	C	C	Styrene		C	C
Barium Hydroxide		A	A	Fuel Oil		C	C	Sulphur Dioxide	Dry	A	A
Barium Sulfide		A	A	Glacial Acetic Acid		B	C	Sulphur Dioxide	Moist	B	C
Benzene		C	C	Glucose		A	A	Sulphur Dioxide	Liquid	C	C
Benzine		B	B	Glycerine		A	A	Sulphuric Acid	45%	*	*
Bordaux Mixture		A	A	Grape Sugar		A	A	Sulphuric Acid	60%	*	*
Borax		A	A	Grease		A	B	Sulphuric Acid	98%	*	*
Boric Acid		A	A	Heptane		B	C	Sulphurous Acid	30%	*	*
Brine		A	A	Hexane		B	C	Tannic Acid		A	A
Bromine Traces		C	C	Hydrobromic Acid		C	C	Tartaric Acid		A	A
Butyl Acetate		C	C	Hydrochloric Acid	10%	C	C	Tetrahydrofuran		C	C
Calcium Hydroxide		A	A	Hydrochloric Acid	40%	C	C	Toluene		C	C
Calcium Hypochlorite		A	A	Hydrofluoric Acid	10%	C	C	Trichlorethylene		C	C
Carbonic Acid		B	C	Hydrofluoric Acid	40%	C	C	Triethanolamine		A	A
Carbon Dioxide		A	A	Hydrofluoboric Acid		A	A	Tricresyl Phosphate		C	C
Carbon Disulphite		C	C	Hydrofluosilicic Acid		A	A	Turpentine		B	C
Carbon Monoxide		A	A	Hydrogen Peroxide		A	-	Urea		A	A
Carbon Tetrachloride		C	C	Hydrogen Sulphide		A	-	Vinegar		A	A
Casein		A	B	Iso-Octane		A	B	Vinyl Acetate		C	C
Chlorine	Dry Gas	A	A	Isopropyl Acetate		C	C	Vinyl Chloride		C	C
Chlorine	Wet Gas	B	C	Kerosene		B	B	Water		A	A
Chlorine	Water	C	C	Ketones		C	C	Xylene		C	C
Chlorobenzene		C	C	Lactic Acid	10%	A	-	Zinc Chloride		A	A
Chloroform		C	C	Lactic Acid	100%	C	C	Zinc Sulphate		A	A
Chromic Acid		A	B	Lacquer Solvents		B	C				
Citric Acid		A	A	Linseed Oil		A	A				
Coal Tar		C	C	Lubricating Oils		A	A				
Copper Chloride		A	A	Magnesium Chloride		A	A				
Copper Nitrate		A	A	Magnesium Hydroxide		A	A				
Copper Suphate		A	A	Magnesium Sulphate		A	A				
Cottonseed Oil		B	C	Malic Acid		A	A				
Creosote		C	C	Methyl Acetate		C	C				
Cresol		A	B	Methyl Bromide		C	C				