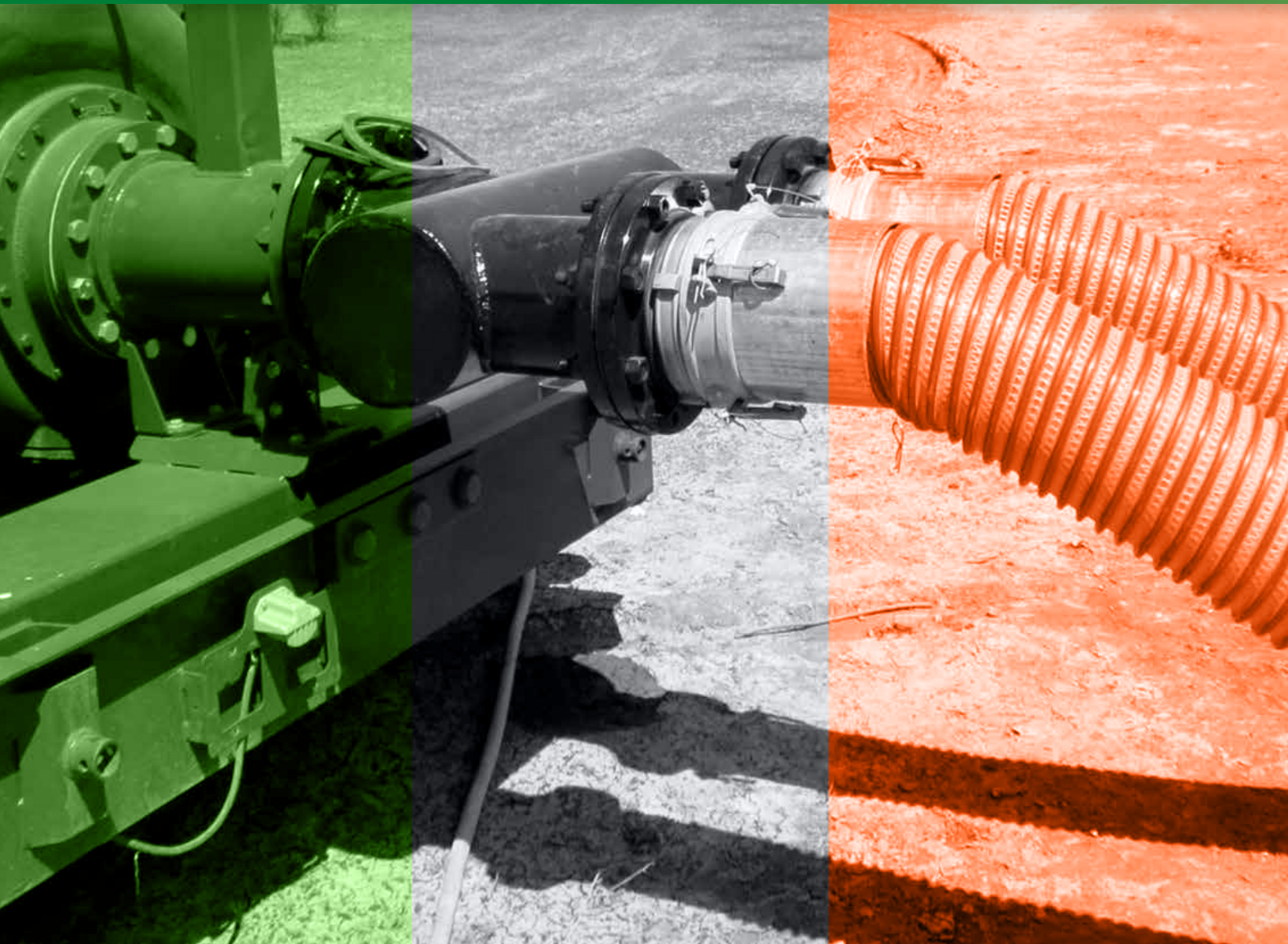




# PLASTIC HOSE





# GREEN PVC SUCTION HOSE

Economical suction hose for water and light chemical applications. Can be crimped or banded to make assemblies per your specifications.

<b>CONSTRUCTION</b>	Green PVC w/ white helix
<b>TEMPERATURE RANGE</b>	-10°F to 130°F / -32°C to 85°C

I.D.	O.D.	REC W.P. @ 72° F (PSI)	APPROX W.P. @ 140° F (PSI)	VACUUM RATING (IN/ HG)	REC MIN BEND RADIUS @ 72° F (INCH)	APPROX BURST PRESSURE @ 72° F (PSI)	APPROX WEIGHT (LBS/ FT)
3/4"	1.01"	100	42	28	2	300	0.2
1"	1.27"	90	42	28	3	300	0.27
1 1/4"	1.53"	90	42	28	4	270	0.36
1 1/2"	1.82"	90	42	28	5	270	0.47
2"	2.36"	70	37	28	6	210	0.636
2 1/2"	2.98"	65	32	28	8	195	0.92
3"	3.44"	55	28	28	9	165	1.2
4"	4.52"	50	28	28	13	150	1.87
5"	5.65"	45	CALL	28	21	135	3
6"	6.8"	45	CALL	28	24	135	4.56
8"	8.95"	40	CALL	28	35	120	7.05
10"	11.34"	40	CALL	28	41	120	12.37
12"	13.39"	35	CALL	26	53	105	15.66

# CLEAR PVC SUCTION HOSE



Economical suction hose for water and light chemical applications where inspection of material flow is necessary. Available in FDA food grade.

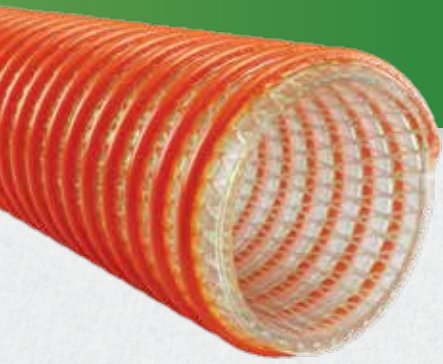
<b>CONSTRUCTION</b>	Clear PVC w/ white helix
<b>TEMPERATURE RANGE</b>	-10°F to 130°F / -32°C to 85°C

I.D.	O.D.	REC W.P. @ 72° F (PSI)	W.P. @ 149	VACUUM RATING (IN/ HG)	REC MIN BEND RADIUS @ 72° F (INCH)	APPROX BURST PRESSURE @ 72° F (PSI)	APPROX WEIGHT (LBS/ FT)
3/4"	1.02"	100	42	28	2	300	0.21
1"	1.29"	90	42	28	3	300	0.29
1 1/4"	1.84"	90	42	28	4	270	0.38
1 1/2"	1.84"	90	42	28	4	270	0.49
2"	2.39"	70	37	28	5	210	0.71
1 1/2"	2.92"	65	32	28	7	195	0.98
3"	3.46"	55	28	28	8	165	1.28
4"	4.56"	50	28	28	12	150	2.02
5"	5.65"	45	CALL	28	20	135	2.97
6"	6.8"	45	CALL	28	23	135	4.39
8"	8.95"	40	CALL	28	34	120	6.79
10"	11.34"	40	CALL	28	40	120	11.88
12"	13.19"	35	CALL	28	50	105	15.07

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# CORRUGATED PVC SUCTION HOSE

## HEAVY DUTY



Heavy-duty suction and discharge hose for use in a variety of industries, such as rental pumping equipment and applications where the hose needs to slide easily, or visual confirmation of material flow is necessary.

<b>TUBE AND COVER</b>	Clear, flexible PVC with synthetic yarn braiding	<b>REINFORCEMENT</b>	Orange, rigid PVC helix
<b>SAFETY FACTOR</b>	3:1	<b>TEMPERATURE</b>	-4°F to +150°F

I.D.	O.D.	RECOM. REC W.P. @ 72° F (PSI)	APPROX BURST PRESSURE @ 72° F (PSI)	VACUUM RATING @ 72° F (IN/HG)	REC MIN BEND RADIUS @ 72° F (INCH)	APPROX WEIGHT (LBS/FT)
1"	1.38"	100	400	28	3	0.27
1 1/4"	1.66"	100	400	28	3	0.33
1 1/2"	1.89"	100	280	28	4	0.36
2"	2.45"	100	280	28	5	0.54
3"	3.61"	100	280	28	7	1.07
4"	4.73"	75	200	28	8	1.74
6"	7.13"	70	180	28	12	3.81
8"	9.3"	50	150	28	30	5
10"	11.5"	35	105	28	44	7.48
12"	13.77"	30	100	25	80	11.25

# BLUE PVC LAY-FLAT DISCHARGE HOSE AND ASSEMBLIES



Economical, lightweight, lay-flat hose for light-duty discharge applications. Tube and cover are simultaneously extruded for maximum possible bonding during manufacturing. Can be crimped or banded to make assemblies per your specifications.

<b>CONSTRUCTION</b>	Blue PVC, 3-ply polyester yarn	<b>TEMPERATURE RANGE</b>	-5°F to 170°F
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## HOSE CHART

I.D.	I.D.	APPROX. WALL	MAX. W.P. AT 70°F PSI	DESIGN B.P. PSI	APPROX. WEIGHT/FT
3/4"	0.79"	0.048"	140 psi	425	.08 lbs
1"	1.04"	0.052"	110 psi	340	.11 lbs
1¼"	1.30"	0.056"	80 psi	255	.14 lbs
1½"	1.61"	0.059"	80 psi	240	.19 lbs
2"	2.09"	0.059"	80 psi	240	.25 lbs
2½"	2.56"	0.059"	65 psi	200	.30 lbs
3"	3.07"	0.063"	80 psi	240	.36 lbs
4"	4.13"	0.067"	70 psi	210	.53 lbs
5"	5.07"	0.071"	40 psi	130	.64 lbs
6"	6.16"	0.075"	60 psi	200	.87 lbs
8"	8.15"	0.087"	35 psi	100	1.30 lbs
10"	10.20"	0.111"	35 psi	100	1.88 lbs
12"	12.13"	0.118"	35 psi	100	2.44 lbs
14"	14.14"	0.118"	30 psi	85	2.70 lbs
16"	16.14"	0.118"	30 psi	85	3.08 lbs

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# BLUE PVC LAY-FLAT DISCHARGE HOSE CONTINUED

Pre-coupled, 50' sections coiled for convenient transportation and storage. Available in multiple configurations. Doubled-banded at each end.

## ASSEMBLY CHART

COUPLING	I.D. X LENGTH	MAX. W.P. AT 68°F	WEIGHT (EA.)
1 1/2" Pin Lug (M x F)	1 1/2" x 50'	85 psi 5.86 bar	9 lbs
1 1/2" Alum Cam Lock (C x E)	1 1/2" x 50'	85 psi 5.86 bar	9 lbs
1-1/2 polypropylene Cam Lock (C x E)	1-1/2" x 50'	85 psi 5.86 bar	9 lbs
2" Pin Lug (M x F)	2" x 50'	85 psi 5.86 bar	12 lbs
2" Alum Cam Lock (C x E)	2" x 50'	85 psi 5.86 bar	12 lbs
2" Polypropylene Cam Lock (C x E)	2" x 50'	85 psi 5.86 bar	12 lbs
3" Pin Lug (M x F)	3" x 50'	70 psi 4.83 bar	22 lbs
3" Alum Cam Lock (C x E)	3" x 50'	70 psi 4.83 bar	22 lbs
3" Polypropylene Cam Lock (C x E)	3" x 50'	70 psi 4.83 bar	22 lbs

### DISCHARGE HOSE WITH CAM & GROOVE ASSEMBLY



### DISCHARGE HOSE WITH PIN LUG ASSEMBLY



# RED PVC LAY-FLAT DISCHARGE HOSE

A heavy-duty PVC lay-flat hose designed for higher pressure applications. Considered a “step up” from the standard blue PVC lay-flat hose. An ideal hose for pump discharge, tank cleaning, dewatering, irrigation and wash-down applications.



<b>TUBE AND COVER</b>	Red, homogeneous virgin PVC	<b>REINFORCEMENT</b>	High-tensile polyester yarn
<b>SAFETY FACTOR</b>	3:1	<b>TEMPERATURE</b>	-10°F to +120°F

I.D.	O.D.	APPROX. WALL	MAX. W.P. AT 70°F (PSI)	APPROX. WT. 300FT (USA)
1-1/2"	1.61"	0.079"	150 psi	80 lbs.
2"	2.09"	0.087"	150 psi	103 lbs
2-1/2"	2.56"	0.091"	150 psi	124 lbs
3"	3.07"	0.095"	150 psi	164 lbs
4"	4.13"	0.102"	150 psi	254 lbs
6"	6.18"	0.119"	150 psi	400lbs
8"	8.19"	0.134"	115 psi	CALL

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# NITRILE/PVC LAY-FLAT DISCHARGE HOSE

## YELLOW & BLACK

For the transfer of water, wash-down, jetting and irrigation. Oil-resistant tube and cover. Resists heat and cold, abrasion, ozone and UV. This hose is lightweight and flexible. For use in industrial wash-down, irrigation, general dewatering, pump discharge and drainage.

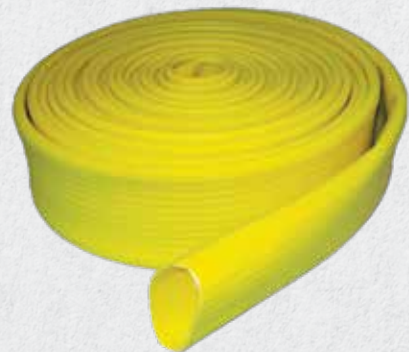
<b>TUBE AND COVER</b>	Black or yellow PVC/Nitrile
<b>REINFORCEMENT</b>	Polyester
<b>TEMPERATURE</b>	-20°F to +176°F

I.D.	WALL THICKNESS	MAX. W.P. AT 68°F	BURST PRESSURE	WEIGHT
3/4 in	0.110 in	250 psi	800 psi	0.10 lb/ft
1 in	0.110 in	250 psi	800 psi	0.14 lb/ft
1 1/2 in	0.110 in	250 psi	800 psi	0.26 lb/ft
2 in	0.110 in	250 psi	800 psi	0.34 lb/ft
2 1/2 in	0.110 in	250 psi	800 psi	0.47 lb/ft
3 in	0.110 in	250 psi	750 psi	0.65 lb/ft
4 in	0.110 in	200 psi	600 psi	0.83 lb/ft
6 in	0.110 in	150 psi	450 psi	1.60 lb/ft

### BLACK DISCHARGE HOSE



### YELLOW DISCHARGE HOSE





# CLEAR BRAIDED PVC TUBING

Food-grade, clear hose with textile braided reinforcement for added strength. For water and light chemical transfer applications where visual inspection of material flow is necessary. FDA layline. Often used in food processing. Can be crimped or banded to make assemblies per your specifications.

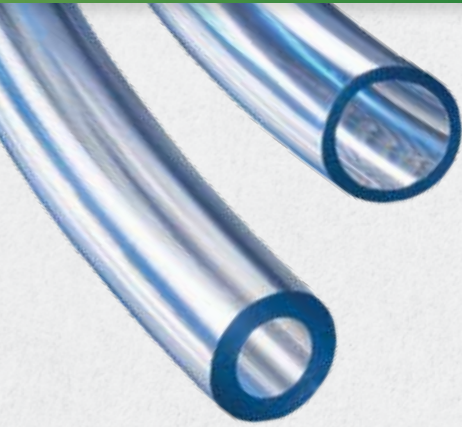


<b>CONSTRUCTION</b>	Clear PVC tube, textile braid
<b>TEMPERATURE RANGE</b>	-10°F to 130°F

I.D.	O.D.	MAX WORKING PRESSURE @ 72° F (PSI)	DESIGN BURST PRESSURE @ 72° F (PSI)	APPROX WEIGHT (LBS/ FT)
3/16"	.41"	250	1,000	0.044
1/4"	.47"	250	1,000	0.057
5/16"	.54"	200	1,000	0.08
3/8"	.625"	200	800	0.09
1/2"	.75"	200	800	0.14
5/8"	.88"	200	800	0.18
3/4"	1.03"	175	600	0.22
1"	1.32"	125	500	0.30
1 1/4"	1.75"	100	400	0.46
1 1/2"	2"	75	300	0.64
2"	2 1/2"	75	300	0.94

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# CLEAR PVC TUBING



Food-grade, clear hose for water and light chemical transfer applications where visual inspection of material flow is necessary. Available in various wall thicknesses in certain sizes. FDA approved. Can be crimped or banded to make assemblies per your specifications.

**CONSTRUCTION** Clear PVC tube

**TEMPERATURE RANGE** -10°F to 130°F

I.D.	O.D.	WALL THICKNESS (INCH)	MAX W.P. @ 72° F (PSI)	APPROX WEIGHT (LBS/ FT)
1/8"	1/4"	1/16"	70	0.02
3/16"	5/16"	1/16"	70	0.027
1/4"	3/8"	1/16"	60	0.034
1/4"	7/16"	3/32"	60	0.055
1/4"	1/2"	1/8"	70	0.08
5/16"	7/16"	1/16"	50	0.04
5/16"	1/2"	3/32"	60	0.065
3/8"	1/2"	1/16"	50	0.047
3/8"	9/16"	3/32"	55	0.075
3/8"	5/8"	1/8"	60	0.107
1/2"	5/8"	1/16"	40	0.06
1/2"	3/4"	1/8"	50	0.134
9/16"	7/8"	5/32"	45	0.161
5/8"	7/8"	5/32"	45	0.161
3/4"	1"	1/8"	35	0.188
7/8"	1 1/8"	1/8"	35	0.218
1"	1 1/4"	1/8"	30	0.241
1 1/4"	1 3/4"	1/4"	50	0.322
1 1/2"	2"	1/4"	40	0.375
2"	2 3/8"	3/16"	25	0.482

# SPRING WIRE PVC HOSE

Food grade, clear hose with steel spring-wire reinforcement suitable for vacuum service. For water, food and beverage dispensing, deionized water systems, and light chemical transfer applications where visual inspection of material flow is necessary. FDA approved. Can be crimped or banded to make assemblies per your specifications.



**CONSTRUCTION** Clear PVC tube, electro-galvanized steel spring wire

**TEMPERATURE RANGE** -10°F to 140°F

I.D.	O.D.	MAX. W.P. AT 70°F (PSI)	APPROX. WT. (LBS/FT)
1/4"	1/2"	210	.09
3/8"	5/8"	180	.12
1/2"	13/16"	150	.21
5/8"	1"	100	.32
3/4"	1-1/8"	100	.36
1"	1-3/8"	84	.47
1-1/4"	1-3/4"	84	.78
1-1/2"	2"	84	.86
2"	2-1/2"	70	1.12

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