



# 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.

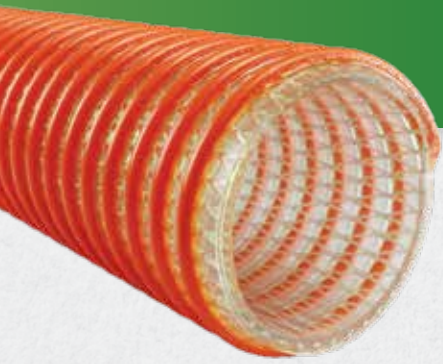
<b>CONSTRUCTION</b>	Clear PVC w/ white helix
<b>TEMPERATURE RANGE</b>	-10°F to 130°F / -32°C to 85°C

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

\* RAGCO supports the autonomy of its locations to select the best products to service their markets. Subtle variations of these specifications may exist. Contact your RAGCO affiliate for confirmation.

# 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
---------------------	--------------------------------	--------------------------	---------------

## 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

\* RAGCO supports the autonomy of its locations to select the best products to service their markets. Subtle variations of these specifications may exist. Contact your RAGCO affiliate for confirmation.

# 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

\* RAGCO supports the autonomy of its locations to select the best products to service their markets. Subtle variations of these specifications may exist. Contact your RAGCO affiliate for confirmation.