



WATER SUCTION & DISCHARGE

	Page	Rubber	Thermoplastic	Clear	Temp Range	Tube Compound
Agflex™	201		Yes	Yes	15°F to 158°F	PVC
Green Hornet	200		Yes		-40°F to 180°F	TPR/PVC
Plicord® Con-Ag™ Water S&D	207	Yes			-40°F to 180°F	EPDM
Plicord® Water S&D	208	Yes			-25°F to 180°F	SBR
Premier	206		Yes		-30°F to 158°F	TPE
Spiraflex® Aggie PVC	202		Yes	Yes	0°F to 158°F	PVC
Spiraflex® 1500	203		Yes	Yes	0°F to 158°F	PVC
Spiraflex® 1600	204		Yes		0°F to 158°F	PVC
Versiflo™ 150 Water S&D	209	Yes			-25°F to 200°F	EPDM
Yukon®	205		Yes		-30°F to 150°F	PVC/NITRILE

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Push-on

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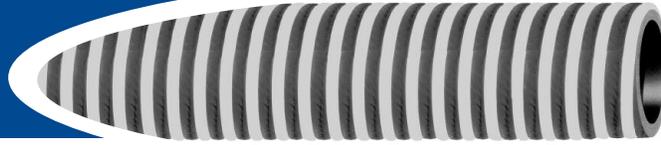


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WATER SUCTION & DISCHARGE

GREEN HORNET™



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APPLICATION:

Medium-duty, light weight construction, retains flexibility in cold weather. Smooth bore tube minimizes material buildup and resists a variety of chemicals found in agricultural and sanitary industries. Slightly corrugated outer helix promotes abrasion resistance, low coefficient of friction and ease of coupling. Common uses can be found in waste management, construction, agricultural, marine, and manufacturing industries.

CONSTRUCTION

TUBE:

Black thermoplastic rubber, RMA Class B (medium oil resistance)

REINFORCEMENT:

Rigid, lime green, polyethylene helix

TEMPERATURE:

-20°F to 180°F (-29°C to 82°C)

PACKAGING:

100' lengths, coiled and polywrapped

BRANDING:

Not branded

COUPLINGS:

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

NON-STOCK/SIZES:

Refer to page 300 for special production run minimum requirements.

ORDER CODES:

586-513

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
1 ^{1/4}	31.8	1.53	39.0	50	0.35	3	76.2	29	737	0.27	0.40
1 ^{1/2}	38.1	1.78	45.3	50	0.35	4	101.6	29	737	0.32	0.48
2	50.8	2.40	61.0	50	0.35	5	127.0	29	737	0.56	0.83
2 ^{1/2}	63.5	2.99	74.9	50	0.35	9	228.6	29	737	0.75	1.12
3	76.2	3.47	88.1	45	0.31	9	304.8	29	737	0.92	1.37
4	101.6	4.67	118.4	40	0.28	16	457.2	29	737	1.60	2.39
6	152.4	6.75	171.4	25	0.17	26	660.4	29	737	2.88	4.30



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WATER SUCTION & DISCHARGE

AGFLEX™



- APPLICATION:** A general purpose water suction and discharge hose designed for use in industrial, agricultural, construction, and septic tank cleaning applications. Corrugated construction provides a flexible and lightweight hose for ease of handling.
- CONSTRUCTION TUBE:** Clear Pliovic™
- REINFORCEMENT:** High-density white rigid Pliovic helix
- TEMPERATURE:** 0°F to 158°F (-18°C to 70°C)
- PACKAGING:** 1"–6" 100' lengths, coiled and polywrapped
8" 20' lengths, polywrapped
- BRANDING:** Not branded
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 300 for special production run minimum requirements.
- ORDER CODES:** 586-488

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
1	25.4	1.23	31.2	60	0.41	2	38	29	737	0.17	0.25
1 ^{1/4}	31.8	1.52	38.6	50	0.34	3	64	29	737	0.23	0.34
1 ^{1/2}	38.1	1.78	45.2	50	0.34	3	76	29	737	0.31	0.46
2	50.8	2.36	59.9	40	0.28	3	81	29	737	0.47	0.70
2 ^{1/2}	63.5	2.92	74.2	35	0.24	5	114	29	737	0.74	1.10
3	76.2	3.48	88.4	35	0.24	7	165	29	737	0.94	1.40
4	101.6	4.50	114.3	35	0.24	11	267	15	381	1.41	2.10
5	127.0	5.59	142.0	30	0.21	16	406	15	381	1.78	2.65
6	152.4	6.61	167.9	30	0.21	28	711	15	381	2.56	3.81
8	203.2	9.18	233.2	10	0.07	36	229	15	381	5.65	8.41

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WATER SUCTION & DISCHARGE

SPIRAFLEX® AGGIE PVC



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- APPLICATION:** A general purpose water suction hose for use in industrial, agriculture, and construction applications.
- CONSTRUCTION TUBE:** Clear Pliovic™
- REINFORCEMENT:** High-density white rigid Pliovic helix
- TEMPERATURE:** 0°F to 158°F (-9°C to 70°C)
- PACKAGING:** 100' lengths coiled and polywrapped
- BRANDING:** Not branded
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 300 for special production run minimum requirements.
- ORDER CODES:** 586-453

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
3/4	19.1	1.00	25.4	120	0.83	3.0	76	29	737	0.18	0.27
1	25.4	1.24	31.5	106	0.73	4.5	114	29	737	0.23	0.34
1 ^{1/4}	31.8	1.53	38.9	99	0.68	5.0	127	29	737	0.34	0.51
1 ^{1/2}	38.1	1.78	45.2	89	0.61	6.0	152	29	737	0.38	0.57
2	50.8	2.31	58.7	79	0.54	8.0	203	29	737	0.58	0.86
2 ^{1/2}	63.5	2.85	72.4	65	0.45	10.0	254	29	737	0.90	1.34
3	76.2	3.41	86.6	65	0.45	12.0	305	29	737	1.07	1.59
4	101.6	4.47	113.5	55	0.38	16.0	406	29	737	1.69	2.51
6	152.4	6.60	167.6	47	0.32	36.0	914	29	737	3.29	4.90



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WATER SUCTION & DISCHARGE

SPIRAFLEX® 1500



- APPLICATION:** Spiraflex® 1500 is a general purpose water suction and discharge hose for use in industrial, agricultural, construction, and septic tank cleaning applications.
- CONSTRUCTION**
- TUBE:** Clear Pliovic™
- REINFORCEMENT:** High-density green rigid Pliovic helix
- TEMPERATURE:** 0°F to 158°F (-9°C to 70°C)
- PACKAGING:** 100' lengths coiled and polywrapped
- BRANDING:** Not branded
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 300 for special production run minimum requirements.
- ORDER CODES:** 586-412

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
3/4	19.1	0.98	24.9	130	0.90	3	83	29	737	0.17	0.25
1	25.4	1.26	32.0	106	0.73	5	114	29	737	0.26	0.39
1 ^{1/4}	31.8	1.53	38.9	99	0.68	5	127	29	737	0.32	0.48
1 ^{1/2}	38.1	1.78	45.2	89	0.61	6	152	29	737	0.38	0.57
2	50.8	2.31	58.7	79	0.54	8	203	29	737	0.58	0.86
2 ^{1/2}	63.5	2.85	72.4	65	0.45	10	254	29	737	0.87	1.29
3	76.2	3.38	85.9	65	0.45	12	305	29	737	1.04	1.54
4	101.6	4.46	113.3	55	0.38	16	406	29	737	1.62	2.41
6	152.4	6.62	168.2	47	0.32	36	914	29	737	3.36	11.02

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WATER SUCTION & DISCHARGE

SPIRAFLEX® 1600



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APPLICATION:

For water suction and discharge service in construction and septic tank cleaning operations, and for general industrial and agricultural applications where mild chemical resistance is required.

CONSTRUCTION

TUBE:

Olive green Pliovic™

REINFORCEMENT:

High-density white rigid Pliovic helix

TEMPERATURE:

0°F to 158°F (-9°C to 70°C)

PACKAGING:

3/4"-6" 100' lengths, coiled and polywrapped
8"-10" 20' lengths, coiled and polywrapped

BRANDING:

Not branded

COUPLINGS:

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

NON-STOCK/SIZES:

Refer to page 300 for special production run minimum requirements.

ORDER CODES:

586-411

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
3/4	19.1	0.98	24.9	130	0.90	3	83	29	737	0.18	0.27
1	25.4	1.24	31.5	106	0.73	5	114	29	737	0.25	0.37
1 ^{1/4}	31.8	1.53	38.9	99	0.68	5	127	29	737	0.32	0.48
1 ^{1/2}	38.1	1.78	45.2	89	0.61	6	152	29	737	0.37	0.55
2	50.8	2.32	58.9	79	0.54	8	203	29	737	0.61	0.91
2 ^{1/2}	63.5	2.85	72.4	65	0.45	10	254	29	737	0.87	1.29
3	76.2	3.41	86.6	65	0.45	12	305	29	737	1.08	1.61
4	101.6	4.46	113.3	55	0.38	16	406	29	737	1.69	2.51
6	152.4	6.57	166.9	47	0.32	36	914	29	737	3.05	4.54
8	203.2	8.92	226.6	40	0.28	60	1524	20	508	6.35	9.45
10	254.0	10.93	277.6	35	0.24	100	2540	20	508	8.75	13.04



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WATER SUCTION & DISCHARGE

YUKON®



- APPLICATION:** A heavy duty water suction and discharge hose for industrial, construction, agricultural, mining, and other applications where low-temperature flexibility is required.
- CONSTRUCTION**
- TUBE:** Blue Pliovic™, RMA Class B (Medium Oil Resistance)
- REINFORCEMENT:** White rigid Pliovic™ helix
- TEMPERATURE:** -30°F to 150°F (-34°C to 66°C)
- PACKAGING:** 100' lengths, coiled and polywrapped
- BRANDING:** Not branded
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 300 for special production run minimum requirements.
- ORDER CODES:** 586-401

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
1	25.4	1.26	32.0	85	0.59	5	114	29	737	0.26	0.39
1 ^{1/4}	31.8	1.53	38.9	85	0.59	5	127	29	737	0.34	0.51
1 ^{1/2}	38.1	1.76	44.7	80	0.55	6	152	29	737	0.40	0.60
2	50.8	2.35	59.7	71	0.49	8	203	29	737	0.66	0.98
2 ^{1/2}	63.5	2.85	72.4	66	0.46	10	254	29	737	0.84	1.25
3	76.2	3.43	87.1	65	0.45	12	305	29	737	1.22	1.82
4	101.6	4.52	114.8	61	0.42	16	406	29	737	1.86	2.77
6	152.4	6.65	168.9	47	0.32	36	914	29	737	3.37	5.02

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WATER SUCTION & DISCHARGE

PREMIER



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APPLICATION: Medium-duty suction and discharge hose for use in agricultural, construction, and general industrial service.

CONSTRUCTION TUBE: Black thermoplastic elastomer, RMA Class B (Medium Oil Resistance)

REINFORCEMENT: Rigid yellow Pliovic™ helix

TEMPERATURE: -30°F to 158°F (-34°C to 70°C)

PACKAGING: 1"-6" 100' lengths, coiled and polywrapped
8" 50' lengths, packaged in a polytube

BRANDING: Not branded

COUPLINGS: Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

NON-STOCK/SIZES: Refer to page 300 for special production run minimum requirements.

ORDER CODES: 586-452

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
1	25.4	1.28	32.5	50	0.34	2	51	29	737	0.22	0.33
1 ^{1/4}	31.8	1.61	40.9	50	0.34	3	81	29	737	0.25	0.37
1 ^{1/2}	38.1	1.88	47.8	50	0.34	3	81	29	737	0.44	0.65
2	50.8	2.50	63.5	50	0.34	5	132	29	737	0.79	1.18
2 ^{1/2}	63.5	2.98	75.7	50	0.34	6	142	29	737	1.04	1.55
3	76.2	3.63	92.2	43	0.30	7	180	29	737	1.46	2.17
4	101.6	4.73	120.1	38	0.26	11	279	29	737	2.06	3.07
6	152.4	6.80	172.7	23	0.16	20	508	29	737	3.18	4.73



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WATER SUCTION & DISCHARGE

PLICORD® CON-AG™ WATER S&D



- APPLICATION:** A general purpose water suction and discharge hose for applications in medium- or heavy-duty operations such as construction or agriculture.
- CONSTRUCTION**
- TUBE:** Black Versigard® synthetic rubber
- COVER:** Black Versigard synthetic rubber (wrapped finish) with yellow spiral stripe
- REINFORCEMENT:** Spiral plied synthetic fabric with wire helix
- TEMPERATURE:** -40°F to 180°F (-40°C to 82°C)
- PACKAGING:** 100' lengths, coiled and polywrapped
- BRANDING:** Continuous spiral brand example "Con-Ag Water S&D by Goodyear™."
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 300 for special production run minimum requirements.
- ORDER CODES:** 542-159

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
1 ^{1/4}	31.8	1.69	42.9	125	0.86	4	102	29	737	0.66	0.98
1 ^{1/2}	38.1	1.93	49.0	125	0.86	4	102	29	737	0.76	1.13
2	50.8	2.45	62.2	125	0.86	7	178	29	737	1.03	1.53
2 ^{1/2}	63.5	3.02	76.7	100	0.69	10	254	29	737	1.51	2.25
3	76.2	3.51	89.2	100	0.69	14	356	29	737	1.76	2.62
4	101.6	4.55	115.6	75	0.52	18	457	29	737	2.46	3.66
6	152.4	6.61	167.9	75	0.52	24	610	29	737	4.68	6.96

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PLICORD® WATER S&D



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APPLICATION: For use as a general purpose suction and discharge hose in medium- to heavy-duty operations.

CONSTRUCTION

TUBE: Black Plioflex® synthetic rubber

COVER: Black Plioflex® synthetic rubber (wrapped finish)

REINFORCEMENT: Synthetic fabric plies with internal wire helix

TEMPERATURE: -25°F to 180°F (-32°C to 82°C)

PACKAGING: 3/4"-4" 100' lengths, coiled and polywrapped
5"-12" 20'-100' lengths, coiled and polywrapped

BRANDING: Continuous spiral brand example "Goodyear™ Plicord Water S&D."

COUPLINGS: Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

NON-STOCK/SIZES: Refer to page 300 for special production run minimum requirements.

ORDER CODES: 542-158 (3/4"-6") 541-158 (8"-16")

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
3/4	19.1	1.13	28.7	150	1.03	2	51	29	737	0.36	0.54
1	25.4	1.44	36.6	150	1.03	2	51	29	737	0.54	0.80
1 ^{1/4}	31.8	1.71	43.4	150	1.03	4	102	29	737	0.71	1.06
1 ^{1/2}	38.1	1.99	50.6	150	1.03	4	102	29	737	0.90	1.34
2	50.8	2.48	63.0	150	1.03	6	152	29	737	1.10	1.64
2 ^{1/2}	63.5	3.03	77.0	150	1.03	6	152	29	737	1.11	1.65
3	76.2	3.58	90.9	150	1.03	8	203	29	737	2.02	3.01
4	101.6	4.63	117.6	150	1.03	10	254	29	737	2.75	4.09
5	127.0	5.82	147.8	150	1.03	20	356	29	737	4.75	7.07
6	152.4	6.89	175.0	100	0.69	36	914	29	737	6.29	9.36
8	203.2	8.94	227.1	100	0.69	48	1219	29	737	9.11	13.57
10	254.0	10.99	279.1	100	0.69	56	1422	29	737	12.86	19.16
12	304.8	13.06	331.7	100	0.69	72	1823	29	737	15.70	23.39
14	358.0	15.25	387.0	100	0.69	84	2100	29	737	21.20	31.60
16	408.0	17.53	442.0	100	0.69	96	2400	29	737	28.90	43.10



See Page 2 for complete product warranty and terms of sale information. In V-Cat, please reference the Conditions of Sale page in the General Information section. Information in this catalog supersedes all previously printed material. Information valid as of the day published. Due to continual product improvements, Goodyear reserves the right to alter specs without prior notice. For the most current product information, visit us online at www.goodyear-hose.com.

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WATER SUCTION & DISCHARGE

VERSIFLO® 150 WATER S&D



- APPLICATION:** General purpose water suction and discharge for medium- to heavy-duty applications. Can be used in Lasso® applications.
- CONSTRUCTION**
- TUBE:** Black Versigard® synthetic rubber
- COVER:** Black Versigard synthetic rubber (wrapped finish)
- REINFORCEMENT:** Plies of synthetic fabric with wire helix
- TEMPERATURE:** -25°F to 200°F (-32°C to 93°C)
- PACKAGING:** 542-258 - 100' lengths, coiled and polywrapped
541-258 - custom lengths
- BRANDING:** Continuous spiral brand "Goodyear Versiflo 150 Water Suction & Discharge."
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 300 for special production run minimum requirements.
- ORDER CODES:** 542-528 (1 1/4" - 6") 541-258 (8" - 14")

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
1 ^{1/4}	31.8	1.63	41.4	150	1.03	4	102	29	737	0.53	0.79
1 ^{1/2}	38.1	1.87	47.5	150	1.03	4	102	29	737	0.65	0.97
2	50.8	2.39	60.7	150	1.03	7	178	29	737	0.87	1.29
2 ^{1/2}	63.5	2.89	73.4	150	1.03	10	254	29	737	1.08	1.61
3	76.2	3.42	86.9	150	1.03	14	356	29	737	1.44	2.14
4	101.6	4.45	113.0	150	1.03	18	457	29	737	2.00	2.98
6	152.4	6.60	167.6	150	1.03	24	610	29	737	4.56	6.79
8	203.0	8.75	238.0	150	1.03	48	1200	29	737	7.40	11.0
10	254.0	10.96	278.0	150	1.03	60	1500	29	737	12.2	18.2
12	305.0	13.23	336.0	150	1.03	72	1800	29	737	18.7	27.9
14	408.0	15.57	396.0	150	1.03	84	2100	29	737	25.1	37.4

Air &
Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical
Transfer

Cleaning
Equipment

Food
Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Transfer

Spray

Steam

Vacuum

Water
Discharge
Suction &
Discharge
Washdown

Welding

Coupling
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Appendix
Additional
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Chemical Charts
General
Information
Minimum Run
Requirements



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