



WATER DISCHARGE

	<i>Page</i>	<i>Rubber</i>	<i>Thermoplastic</i>	<i>MSHA</i>	<i>Temp Range</i>	<i>Coupled Lengths</i>	<i>Layflat Construction</i>
Brigade Mine	122		Yes	Yes	-10°F to 150°F		Yes
Fire Engine Booster	193	Yes			0°F to 180°F	Yes	
Pathfinder® Garden Hose	194	Yes			-40°F to 190°F	Yes	
Plicord® Furnace Door	195	Yes			-25°F to 200°F		
Plicord® HD Water Discharge	196	Yes			-25°F to 180°F		
Plicord® Versiflo 125	197	Yes			-25°F to 180°F		Yes
Plicord® Water Discharge 150	198	Yes			-25°F to 180°F		
Potable Water	69	Yes			-25°F to 180°F		
Spiraflex® Blue	189		Yes		-10°F to 150°F		Yes
Spiraflex® Gray (Primeline®)	188		Yes		-10°F to 150°F		Yes
Spiraflex® Green	190		Yes	Yes	-10°F to 150°F		Yes
Spiraflex® Red	191		Yes	Yes	-10°F to 150°F		Yes
Spiraflex® Yellow (Spiraflex® 2700)	192		Yes	Yes	-10°F to 150°F		Yes

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WATER DISCHARGE

SPIRAFLEX® GRAY PRIMELINE®



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APPLICATION:

For light-duty water discharge service.

CONSTRUCTION

TUBE:

Black Pliovic™ compound

COVER:

Gray Pliovic compound

REINFORCEMENT:

Synthetic fabric

TEMPERATURE:

-10°F to 150°F (-23°C to 66°C)

PACKAGING:

300' continuous one piece, coiled and banded

BRANDING:

Continuous brand example "Goodyear™ Spiraflex Gray 2" (53.0 mm) 60 psi (.41 Mpa). Made in USA."

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:

537-555

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ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1 ^{1/2}	38.1	1.72	43.7	75	0.52	0.19	0.28
2	50.8	2.22	56.4	60	0.41	0.24	0.36
2 ^{1/2}	63.5	2.79	70.9	60	0.41	0.36	0.54
3	76.2	3.31	84.1	50	0.34	0.39	0.58
4	101.6	4.33	110.0	45	0.31	0.65	0.97
6	152.4	6.38	162.1	35	0.24	1.07	1.59

Note: Working pressures are rated at 72°F.



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WATER DISCHARGE

SPIRAFLEX® BLUE



- APPLICATION:** For light-duty water discharge applications in mining, construction, industry, agricultural, and marine service.
- CONSTRUCTION**
- TUBE:** Blue PVC compound
- COVER:** Blue PVC compound
- REINFORCEMENT:** Synthetic fabric
- TEMPERATURE:** -10°F to 150°F (-23°C to 66°C)
- PACKAGING:** 300', continuous one piece, coiled and poly-wrapped
- BRANDING:** Continuous brand, example "Goodyear™ Spiraflex Blue 2" (50.8 mm) 80 psi WP (.55 Mpa)."
- 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:** 537-564

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1 ^{1/2}	38.1	1.67	42.4	90	0.62	0.20	0.30
2	50.8	2.21	56.1	80	0.55	0.28	0.42
2 ^{1/2}	63.5	2.68	68.1	55	0.38	0.31	0.46
3	76.2	3.20	81.3	55	0.38	0.39	0.58
4	101.6	4.26	108.2	50	0.34	0.55	0.82
6	152.4	6.26	159.0	35	0.24	0.88	1.31
8	203.2	8.32	211.3	35	0.24	1.30	1.93

Note: Working pressures are rated at 72°F.

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WATER DISCHARGE

SPIRAFLEX® GREEN



Chemical
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Marine

APPLICATION: For medium- to light-duty water discharge applications in mining, construction, industry, agricultural, and marine service.

CONSTRUCTION TUBE:

Green PVC compound

COVER:

Green PVC compound, MSHA IC - 150/1

REINFORCEMENT:

Synthetic fabric

TEMPERATURE:

-10°F to 150°F (-23°C to 66°C)

PACKAGING:

300' continuous one piece, coiled and banded

BRANDING:

Continuous example "Goodyear Spiraflex Green 2" (50.8 mm) 80 psi (.55 Mpa) MSHA IC 150/1."

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:

537-567

Material Handling
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ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1 ^{1/2}	38.1	1.70	43.2	90	0.62	0.21	0.31
2	50.8	2.23	56.6	80	0.55	0.30	0.45
2 ^{1/2}	63.5	2.71	68.8	75	0.52	0.34	0.51
3	76.2	3.21	81.5	75	0.52	0.41	0.61
4	101.6	4.28	108.7	70	0.48	0.56	0.83
6	152.4	6.28	159.5	50	0.34	0.99	1.47

Note: Working pressures are rated at 72°F.

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WATER DISCHARGE



- APPLICATION:** For medium-duty discharge applications in mining, construction, industry, agriculture, and marine service.
- CONSTRUCTION TUBE:** Black Pliovic™
- COVER:** Red Pliovic, MSHA 2G-14C/16
- REINFORCEMENT:** Spiral synthetic yarn, one layer longitudinal synthetic yarn
- TEMPERATURE:** -10°F to 150°F (-23°C to 66°C)
- PACKAGING:** 300' continuous one piece, coiled and banded
- BRANDING:** Continuous brand example "Goodyear™ Spiraflex Red 2" (50.8 mm) 150 psi WP (1.00 Mpa), Flame Resistant, USMSHA 2G-14C/16. Made in USA."
- 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:** 537-521

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1 ^{1/2}	38.1	1.71	43.4	150	1.03	0.23	0.34
2	50.8	2.24	56.9	150	1.03	0.36	0.54
2 ^{1/2}	63.5	2.79	70.9	150	1.03	0.41	0.61
3	76.2	3.29	83.6	125	0.86	0.46	0.68
4	101.6	4.32	109.7	100	0.69	0.73	1.09
6	152.4	6.40	162.6	100	0.69	1.18	1.76

Note: Working pressures are rated at 72°F.

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WATER DISCHARGE

SPIRAFLEX® YELLOW SPIRAFLEX 2700



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- APPLICATION:** For heavy duty applications in mining, agriculture, construction, and marine service.
- CONSTRUCTION**
- TUBE:** Black Pliovic™
- COVER:** Yellow fire-retardant Pliovic, MSHA 2G-14C/15
- REINFORCEMENT:** Synthetic fabric
- TEMPERATURE:** -10°F to 150°F (-23°C to 66°C)
- PACKAGING:** 300' continuous one-piece, coiled and banded
- BRANDING:** Continuous brand example "Goodyear™ Spiraflex Yellow 2" (50.8 mm), 200 psi (1.38 Mpa) Flame Resistant, USMSHA 2G-14C/15. Made in USA."
- 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:** 537-513

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1 ^{1/2}	38.1	1.77	45.0	200	1.38	0.32	0.48
2	50.8	2.34	59.4	200	1.38	0.42	0.63
2 ^{1/2}	63.5	2.88	73.2	200	1.38	0.66	0.98
3	76.2	3.40	86.4	200	1.38	0.76	1.13
4	101.6	4.41	112.0	150	1.03	1.00	1.49
6	152.4	6.48	164.6	150	1.03	1.69	2.51

Note: Working pressures are rated at 72°F.

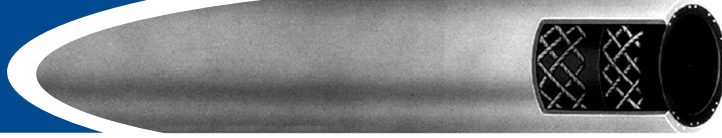


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WATER DISCHARGE

FIRE ENGINE BOOSTER



- APPLICATION:** For use in high-pressure fire engine booster service. Also has many applications in other heavy-duty industrial and municipal operations.
- CONSTRUCTION**
- TUBE:** Synthetic rubber
- COVER:** Red synthetic rubber
- REINFORCEMENT:** Braided (2) synthetic yarn
- TEMPERATURE:** 0°F to 180°F (-18°C to 82°C)
- PACKAGING:** Cartons: 1000' (50' increments)
Cut lengths: 50' (2 pieces); 100' (1 piece)
Coupled lengths: 50' (2 pieces); 100' (1 piece)
- BRANDING:** Continuous brand example "Goodyear™ 1" Fire Engine Booster. Made in USA."
- 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:** 536-382

ID		NOM. OD		MAX. WP		WEIGHT	
<i>in.</i>	<i>mm.</i>	<i>in.</i>	<i>mm.</i>	<i>psi.</i>	<i>Mpa.</i>	<i>lb./ft.</i>	<i>kg./m.</i>
3/4	19.1	1.25	31.8	800	5.52	0.40	0.60
1	25.4	1.53	38.9	800	5.52	0.55	0.82

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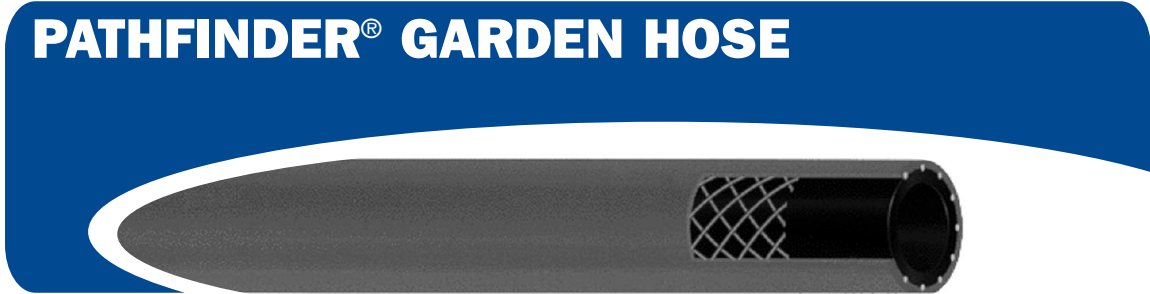
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WATER DISCHARGE

PATHFINDER® GARDEN HOSE



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APPLICATION:

For in-home, lawn and garden, apartment, smaller plant, and commercial property applications.

CONSTRUCTION

TUBE:

Versigard® synthetic rubber

COVER:

Green Versigard synthetic rubber

REINFORCEMENT:

Spiral synthetic yarn

TEMPERATURE:

-40°F to 190°F (-40°C to 88°C)

PACKAGING:

500' reels, maximum 3 pieces, 50' increments

BRANDING:

Continuous brand example "5/8" (15.9 mm) Pathfinder by Goodyear™ 100 psi WP."

COUPLINGS:

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

NON-STOCK/SIZES:

Available in 25' or 50' coupled assemblies.

ORDER CODES:

569-027

ID		NOM. OD		MAX. WP		WEIGHT	
<i>in.</i>	<i>mm.</i>	<i>in.</i>	<i>mm.</i>	<i>psi.</i>	<i>Mpa.</i>	<i>lb./ft.</i>	<i>kg./m.</i>
5/8	15.9	0.94	23.9	100	0.69	0.22	0.33



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WATER DISCHARGE

PLICORD® FURNACE DOOR



- APPLICATION:** For carrying cooling water to furnace doors in steel mills and similar service operations where the outside of the hose is subjected to open flame and elevated temperatures.
- CONSTRUCTION**
- TUBE:** Plioflex® synthetic rubber (nonconductive)
 - COVER:** Fiberglass fabric ply over rubber cover
 - REINFORCEMENT:** 4 Spiral-plyed synthetic fabric
- TEMPERATURE:** -25°F to 200°F (-32°C to 93°C)
- PACKAGING:** 1/2"-4" 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:** 542-309

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1/2	12.7	1.06	26.9	200	1.38	0.38	0.57
3/4	19.1	1.32	33.5	200	1.38	0.52	0.77
1	25.4	1.64	41.7	200	1.38	0.76	1.13
1 1/4	31.8	2.06	52.3	200	1.38	1.19	1.77
1 1/2	38.1	2.30	58.4	200	1.38	1.36	2.02
2	50.8	2.87	72.9	200	1.38	1.85	2.75
2 1/2	63.5	3.36	85.3	200	1.38	2.23	3.32
3	76.0	3.85	97.8	200	1.38	5.70	8.45
4	102.0	4.87	123.8	150	1.03	6.90	10.30

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WATER DISCHARGE

PLICORD® HD WATER DISCHARGE



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Marine

APPLICATION: A heavy-duty, all-purpose hose with excellent abrasion resistance. It is ideal for service in quarries, mines, and construction.

CONSTRUCTION

TUBE:

Black Plioflex® synthetic rubber

COVER:

Black Plioflex synthetic rubber (wrapped finish)

REINFORCEMENT:

Spiral-plied (4) plies of synthetic fabric

TEMPERATURE:

-25°F to 180°F (-32°C to 82°C)

PACKAGING:

1"– 8" 100' lengths, coiled and polywrapped

BRANDING:

Continuous spiral brand example "Goodyear™ Plicord HD Water."

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:

542-437 (6^{5/8}" and below) 541-437 (8" and above)

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in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1 ^{1/2}	38.1	2.00	50.8	200	1.38	0.79	1.18
2	50.8	2.50	63.5	200	1.38	0.97	1.44
2 ^{1/2}	63.5	3.06	77.7	200	1.38	1.36	2.02
3	76.2	3.55	90.2	200	1.38	1.60	2.38
4	101.6	4.58	116.3	150	1.03	2.10	3.13
4 ^{1/2}	114.3	5.07	128.8	150	1.03	2.34	3.48
5	127.0	5.57	141.5	150	1.03	2.59	3.85
6	152.4	6.53	165.9	150	1.03	2.87	4.27
6 ^{5/8}	168.3	7.22	183.4	150	1.03	3.58	5.33
8	203.2	8.57	217.7	100	0.69	4.06	6.04
8 ^{5/8}	219.1	9.19	233.4	100	0.69	4.57	6.81
10	254.0	10.63	270.0	100	0.69	5.73	8.54
12	304.8	12.66	321.6	100	0.69	6.79	10.12

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PLICORD® VERSIFLO® 125



- APPLICATION:** For medium-duty water discharge service where the hose does not encounter severe handling.
- CONSTRUCTION**
- TUBE:** Black Versigard® synthetic rubber
- COVER:** Black Versigard (wrapped finish)
- REINFORCEMENT:** Spiral-plied synthetic fabric
- TEMPERATURE:** -25°F to 180°F (-32°C to 82°C)
- PACKAGING:** 100' lengths, coiled and polywrapped
- BRANDING:** Continuous spiral brand example "Goodyear™ Versiflo 125 Water 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:** 542-527

ID		NOM. OD		MAX. WP		WEIGHT	
<i>in.</i>	<i>mm.</i>	<i>in.</i>	<i>mm.</i>	<i>psi.</i>	<i>Mpa.</i>	<i>lb./ft.</i>	<i>kg./m.</i>
1 ^{1/4}	31.8	1.48	37.6	125	0.86	0.26	0.39
1 ^{1/2}	38.1	1.72	43.7	125	0.86	0.30	0.45
2	50.8	2.24	56.9	125	0.86	0.40	0.60
2 ^{1/2}	63.5	2.73	69.3	125	0.86	0.49	0.73
3	76.2	3.22	81.8	125	0.86	0.58	0.86
4	101.6	4.21	106.9	125	0.86	0.83	1.24
6	152.4	6.32	160.5	125	0.86	1.58	2.35

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 Systems

Appendix
Additional Products
Chemical Charts
General Information
Minimum Run Requirements



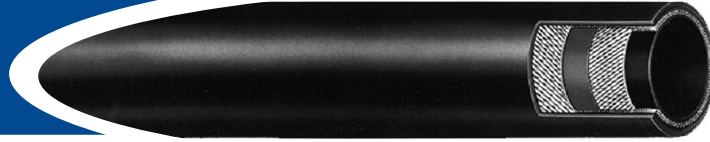
See Page 2 for complete product warranty and terms of sale information. In V-Cat, please reference the Conditions of Sale page in the General Information section. Information in this catalog supersedes all previously printed material. Information valid as of the day published. Due to continual product 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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Air &
Multipurpose
General Purpose
Heavy Duty
Push-on

WATER DISCHARGE

PLICORD® WATER DISCHARGE 150



Chemical
Transfer

Cleaning
Equipment

Food
Transfer
Washdown

Marine

- APPLICATION:** For use in heavy-duty service for a wide range of applications.
- CONSTRUCTION**
- TUBE:** Black Plioflex® synthetic rubber
- COVER:** Black Plioflex synthetic rubber
- REINFORCEMENT:** Spiral-plied synthetic fabric
- TEMPERATURE:** -25°F to 180°F (-32°C to 82°C)
- PACKAGING:** 3/4"-6" 100' lengths, coiled and polywrapped
8"-12" 50' lengths, coiled and polywrapped
- BRANDING:** Continuous spiral brand example "Goodyear™ Plicord Water 150."
- 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:** 542-438 (1/2"-6") 541-438 (8"-16")

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

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Petroleum
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Systems

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Requirements

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
3/4	19.1	1.04	26.4	150	1.03	0.23	0.34
1	25.4	1.29	32.8	150	1.03	0.30	0.45
1 1/4	31.8	1.60	40.6	150	1.03	0.43	0.64
1 1/2	38.1	1.84	46.7	150	1.03	0.50	0.74
2	50.8	2.38	60.5	150	1.03	0.71	1.06
2 1/2	63.5	2.87	72.9	150	1.03	0.87	1.29
3	76.2	3.47	88.1	150	1.03	1.37	2.04
4	101.6	4.50	114.3	150	1.03	1.80	2.68
5	127.0	5.51	140.0	150	1.03	2.32	3.45
6	152.4	6.49	164.9	150	1.03	2.53	3.76
8	203.2	8.45	214.6	150	1.03	3.81	5.68
10	254.0	10.63	270.0	150	1.03	5.67	8.45
12	304.8	12.68	322.1	150	1.03	7.02	10.46



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