GOOD YEAR

Catalog #06-130 Supersedes Catalog #03-130

Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

Water

Discharge Suction & Discharge Washdown

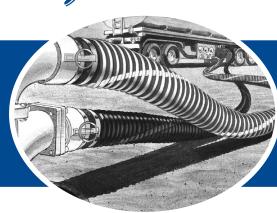
Welding

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. © 2006. The Goodyear Tire & Rubber Company.



PETROLEUM TRANSFER

	Page	Temp Range	Refined Fuels	Corrugated Cover	Lightweight
Flextra® Oilfield	163	-25°F to 180°F		Yes	
Flexwing [®] Oilfield	162	-25°F to 180°F			
Paladin	158	-40°F to 160°F	Yes	Yes	Yes
Plicord [®] Arctic Flextra [™]	165	-65°F to 180°F	Yes	Yes	
Plicord [®] Arctic Flexwing [™]	164	-65°F to 180°F	Yes		
Plicord [®] Flexwing [™] Petroleum	157	-35°F to 200°F	Yes		
Plicord [®] Fuel Discharge	167	-35°F to 180°F	Yes		
Plicord [®] LW Black Flextra [™] II	161	-40°F to 200°F	Yes	Yes	Yes
Plicord [®] Super Black Flexwing [™]	160	-35°F to 200°F	Yes		
Plicord [®] Waste Mate [™]	166	-25°F to 180°F			
Pyroflex [®] Hot Tar & Asphalt	169	-25°F to 350°F			
Pyroflex [®] Hot Tar Wand	170	-25°F to 350°F			
Red Flextra [®] 100	159	-30°F to 180°F	Yes	Yes	Yes
Red Flextra [®] 150	159	-30°F to 180°F	Yes	Yes	Yes
Redwing Fuel Oil	146	-40°F to 180°F			
Spiraflex [®] Polyurethane Vapor Recovery	168	-30°F to 150°F		Yes	Yes



PETROLEUM TRANSFER PLICORD® FLEXWING® PETROLEUM



APPLICATION:	For use in tank truck and in-plant operations to transfer gasoline, oil, and other petroleum base products up to 50% aromatic content. It is designed for pressure, gravity flow, or full-suction service.	Foo Tran Wash
CONSTRUCTION TUBE:	Nitrile synthetic rubber RMA Class A (High Oil Resistance)	Mar
COVER:	Black (red spiral stripe) or Red Chemivic (white spiral stripe) synthetic rub- ber (oil resistant); smooth cover; wrapped finish	Material I
REINFORCEMENT:	Spiral-plied synthetic fabric with wire helix	Abras Bulk Tr
TEMPERATURE:	-35°F to 200°F (-37°C to 93°C)	Cement &
PACKAGING:	100' lengths, coiled and polywrapped	
BRANDING:	Continuous spiral brand example "Goodyear" Flexwing Petroleum 150 psi WP."	Min
COUPLINGS:	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 221 for available Insta-Lock products.	Petro Aircraft
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.	Dispe
ORDER CODES:	543-109 (black) 543-110 (red)	Doo Trans

ΝΟΛ	Л. ID	NON	1. OD	МАХ	. WP		'ND DIUS	VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
3/4	19.1	1.22	31.0	150	1.03	2	51	29	737	0.47	0.70
1	25.4	1.50	38.1	150	1.03	2	51	29	737	0.63	0.94
$1^{1/4}$	31.8	1.76	44.7	150	1.03	3	76	29	737	0.79	1.18
11/2	38.1	2.03	51.6	150	1.03	4	102	29	737	0.99	1.47
13/4	44.5	2.28	57.9	150	1.03	4	102	29	737	1.07	1.59
2	50.8	2.55	64.8	150	1.03	5	114	29	737	1.30	1.93
21/2	63.5	3.07	78.0	150	1.03	6	146	29	737	1.66	2.47
3	76.2	3.57	90.7	150	1.03	7	178	29	737	2.03	3.02
31/2	88.9	4.13	104.9	150	1.03	8	203	29	737	2.39	3.56
4	101.6	4.60	116.8	150	1.03	10	254	29	737	2.68	3.99
6	152.7	6.78	171.9	150	1.03	30	762	29	737	5.61	8.36

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







Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

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Vacuum

Water Discharge Suction & Discharge

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Appendix Additional Products Chemical Charts General Information Minimum Run Requirements

PETROLEUM TRANSFER

PALADIN™



APPLICATION:

CONSTRUCTION

Designed as a lightweight and flexible hose to transfer gasoline and other petroleum products under pressure, gravity flow or medium suction (up to 23" Hg) at ambient temperatures. Maximum aromatic content 70%. Outer PVC helix provides abrasion resistance and low coefficient of friction. With Antistatic wire (low resistance).

CONSTRUCTION	
TUBE:	Black Nitrile synthetic rubber (static dissipating)
COVER:	Black Chemivic® synthetic rubber with Orange Pliovic® outer helix
REINFORCEMENT :	Synthetic fabric plies
TEMPERATURE:	-40°F to 160°F (-40°C to 71°C)
PACKAGING:	100' lengths, coiled and bagel pack
BRANDING:	Example: "Goodyear Paladin Drop Hose (Date Code) Made in Canada."
COUPLINGS:	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 220 for available Insta-Lock products.
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.
ORDER CODES:	543-227

NOI	M. ID	NOM	1. OD	MAX	. WP		END DIUS		UUM IG	WEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
2	50.8	2.87	72.9	150	1.03	2	51	23	584	1.04	1.55
3	76.2	3.92	99.6	150	1.03	3	76	23	584	1.58	2.35
4	101.6	4.85	123.2	75	0.52	5	127	23	584	1.94	2.89



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PETROLEUM TRANSFER

RED FLEXTRA®



APPLICATION:	For the transfer of gasoline and other petroleum-based products under pressure, gravity flow or full-suction where maximum flexibility is needed.
CONSTRUCTION TUBE:	Nitrile synthetic rubber RMA Class A (High Oil Resistance)
COVER:	Red Wingprene, corrugated synthetic rubber RMA Class A (High Oil Resistance) with white spiral stripe.
REINFORCEMENT:	Spiral plied synthetic fabric with double wire helix
TEMPERATURE:	-30°F to 180°F (-34°C to 82°C)
PACKAGING:	100' lengths, coiled and polywrapped
BRANDING:	Continuous spiral brand example "Goodyear [™] Made in Canada."
COUPLINGS:	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 221 for available Insta-Lock products.
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.
ORDER CODES:	543-123

RED FLEXTRA® 100

ORDER CODES: 543-123

ΝΟΛ	Л. ID	NON	1. OD	MAX	. WP		END DIUS		UUM IG	WEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
2	50.8	2.38	60.3	100	0.69	4	102	29	737	0.83	1.09
21/2	63.5	2.88	73.2	100	0.69	5	127	29	737	1.09	1.62
3	76.2	3.41	86.6	100	0.69	6	152	29	737	1.41	2.10
4	101.6	4.53	115.1	100	0.69	9	229	29	737	2.23	3.32

RED FLEXTRA® 150

ORDER CODES:

543-120

NOM. ID		NOM. OD		MAX. WP			END DIUS	VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
2	50.8	2.52	64.0	150	1.03	4	102	29	737	1.18	1.76
3	76.2	3.59	91.2	150	1.03	6	152	29	737	1.99	2.96
4	101.6	4.61	117.1	150	1.03	9	229	29	737	2.66	3.96



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Air & Multipurpose General Purpose Heavy Duty Push-on

Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum

Dispensing Dock

Transfer

Spray

Steam

Vacuum

Water

Discharge Suction & Discharge Washdown

Welding

Coupling Systems

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> Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> 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

PETROLEUM TRANSFER PLICORD[®] SUPER BLACK FLEXWING[®]



APPLICATION:	A premium high pressure petroleum transfer hose for handling gasoline, oils and other petroleum products at higher working pressures.							
CONSTRUCTION								
TUBE:	Special fuel-resistant Black nitrile synthetic rubber RMA Class A (High Oil Resistance)							
COVER:	Black Neoprene synthetic rubber RMA Class A (High Oil Resistance), wrapped finish							
REINFORCEMENT:	Spiral plied synthetic fabric with wire helix							
TEMPERATURE:	-35°F to 200°F (-37°C to 93°C)							
PACKAGING:	100' lengths, coiled and polywrapped							
BRANDING:	Continuous spiral brand example "Goodyear™ Flexwing Petroleum Hose."							
COUPLINGS:	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 221 for available Insta-Lock products.							
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.							
ORDER CODES:	543-117 541-117 (6" diameter, 100' length)							

NON	1. ID	NOM	I. OD	МАХ	. WP		IND DIUS	VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
1	25.4	1.53	38.8	250	1.72	3	75	29	737	.70	1.04
11/4	31.8	1.87	47.1	250	1.72	4	100	29	737	.99	1.48
11/2	38.1	2.08	52.8	250	1.72	4	100	29	737	1.15	1.71
2	50.8	2.59	65.8	250	1.72	5	125	29	737	1.44	2.14
21/2	63.5	3.11	79.0	250	1.72	6	150	29	737	1.84	2.74
3	76.2	3.65	92.7	250	1.72	7	175	29	737	2.39	3.56
4	101.6	4.83	122.7	250	1.72	10	254	29	737	3.76	5.60
5	127.0	5.87	149.0	250	1.72	20	500	29	737	5.10	7.60
6	152.4	7.21	183.3	250	1.72	24	600	29	737	8.46	12.60



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PETROLEUM TRANSFER PLICORD® LW BLACK FLEXTRA II^M



543-562

APPLICATION:	Used by tank trucks, bulk petroleum stations, and others to transfer petroleum products under pressure, suction and/or gravity flow. Extremely flexible and lightweight to provide excellent service. Not recommended where aromatic content exceeds 50%.	
CONSTRUCTION TUBE:	Black Nitrile RMA Class A (High Oil Resistance)	
COVER:	Black Chemivic [®] (corrugated)	N
REINFORCEMENT:	Spiral-plied synthetic fabric with double wire helix	
TEMPERATURE:	-40°F to 180°F (-40°C to 82°C)	(
PACKAGING:	100' lengths, coiled and polywrapped	
BRANDING:	Spiral brand example "Goodyear LW Black Flextra II 75 psi Max WP."	
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:

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ΝΟΛ	1. ID				IND DIUS		UUM IG	WEI	GHT		
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
2	50.8	2.42	61.5	75	0.52	3	76	29	737	0.94	1.40
21/2	63.5	2.92	74.2	75	0.52	4	102	29	737	1.22	1.82
3	76.2	3.40	86.4	75	0.52	4	102	29	737	1.39	2.07
4	101.6	4.53	115.1	75	0.52	7	178	29	737	2.37	3.53

Multipurpose General Purpose Heavy Duty Push-on

Air &

Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum

Aircraft Fueling Dispensing

Transfer

Spray

Steam

Vacuum

Water

Discharge Suction & Discharge Washdown

Welding

Coupling Systems

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Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> Washdown

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing

Spray

Transfer

Steam

Vacuum

Water Discharge Suction & Discharge Washdown **PETROLEUM TRANSFER** FLEXWING[®] OILFIELD



APPLICATION:

CONSTRUCTION

For use in transfer hose service, cleaning sediment from oil storage tanks and other general service applications. The tube is an oil-resistant synthetic rubber. DO NOT use with gasoline and other refined products when aromatic content exceeds 35%.

CONSTRUCTION	
TUBE:	Synthetic rubber
COVER:	Black Plioflex [®] synthetic rubber (smooth cover)
REINFORCEMENT :	Spiral-plied synthetic fabric with wire helix
TEMPERATURE:	-25°F to 180°F (-32°C to 82°C)
PACKAGING:	100' lengths, coiled and polywrapped
BRANDING:	Continuous spiral brand example "Goodyear™ Flexwing Oilfield."
COUPLINGS:	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 221 for available Insta-Lock products.
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.
ORDER CODES:	543-655

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
11/2	38.1	1.97	50.0	150	1.03	4.00	102	29	737	0.86	1.28
2	50.8	2.48	63.0	150	1.03	4.50	114	29	737	1.12	1.67
21/2	63.5	3.00	76.2	150	1.03	5.75	146	29	737	1.40	2.08
3	76.2	3.53	89.7	150	1.03	7.00	178	29	737	1.85	2.75
4	101.6	4.59	116.6	150	1.03	10.00	254	29	737	2.66	3.96

Coupling Systems

Welding

Appendix Additional Products Chemical Charts General Information Minimum Run Requirements







PETROLEUM TRANSFER

FLEXTRA® OILFIELD



APPLICATION:

CONSTRUCTION

Goodyear's Flextra® Oilfield transfer hose is designed for use in tank truck or in-plant applications for the transfer of DILUTED industrial chemicals and petroleum waste, sludge and sediments. It is not recommended for refined petroleum products or concentrated industrial chemicals. DO NOT use with gasoline and other refined products when aromatic content exceeds 35%.

CONSTRUCTION	
TUBE:	Synthetic rubber
COVER:	Black Plioflex® synthetic rubber (corrugated cover)
REINFORCEMENT :	Spiral-plied synthetic fabric with double wire helix
TEMPERATURE:	100' lengths, coiled and polywrapped
PACKAGING:	-25°F to 180°F (-32°C to 82°C)
BRANDING:	Continuous spiral brand example "Goodyear [™] Flextra Oilfield."
COUPLINGS:	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 221 for available Insta-Lock products.
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.
ORDER CODES:	543-691

NON	1. ID	ID NOM. OD		МАХ	. WP	BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
11/4	25.4	1.63	41.4	150	1.03	3	75	29	737	0.57	0.85
11/2	38.1	1.92	48.8	150	1.03	4	100	29	737	0.74	1.10
2	50.8	2.44	62.0	125	0.86	4	102	29	737	0.94	1.4
3	76.2	3.52	89.4	125	0.86	6	152	29	737	1.71	2.54
4	101.6	4.52	114.8	100	0.69	8	203	29	737	2.17	3.23

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 ircraft Fueling Dispensing

Dock

Transfer

Spray

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Mining

Petroleum

Aircraft Fuelin Dispensing Dock Transfer

Spray

Steam

Vacuum

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix Additional Products Chemical Charts General Information Minimum Run Requirements

PETROLEUM TRANSFER

PLICORD[®] ARCTIC FLEXWING[®]



APPLICATION:	Plicord Arctic Flexwing is for use in low-temperature operations for transferring gasoline, oil, and other petroleum products.
CONSTRUCTION	
TUBE:	Ultra-low temperature oil resistant synthetic rubber RMA Class A (High Oil Resistance)
COVER:	Blue ultra-low temperature synthetic rubber RMA Class A (High Oil Resistance) with red spiral stripe. Smooth cover, wrapped finish
REINFORCEMENT :	Spiral-plied synthetic fabric with wire helix
TEMPERATURE:	-65°F to 180°F (-54°C to 82°C)
PACKAGING:	100' lengths, coiled and polywrapped
BRANDING:	Continuous spiral brand example "Goodyear™ Arctic Flexwing 150 psi WP."
COUPLINGS:	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 221 for available Insta-Lock products.
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.

ORDER CODES: 543-650

ΝΟΛ	1. ID	. ID NOM. OD		МАХ	. WP	BEND RADIUS			UUM IG	WEI	VEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.	
11/4	31.8	1.73	43.9	150	1.03	3	80	29	737	0.66	0.98	
11/2	38.1	1.98	50.3	150	1.03	4	102	29	737	0.82	1.22	
2	50.8	2.50	63.5	150	1.03	5	127	29	737	1.07	1.59	
21/2	63.5	3.09	78.5	150	1.03	6	152	29	737	1.64	2.44	
3	76.2	3.58	90.9	150	1.03	7	178	29	737	1.92	2.86	
4	101.6	4.70	119.4	150	1.03	10	254	29	737	2.88	4.29	



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PETROLEUM TRANSFER



APPLICATION:	For transfer of petroleum-based products under suction, low-pressure discharge or gravity flow. Flexibility maintained down to -65°F (-54°C).	ī
CONSTRUCTION TUBE: COVER:	Black Nitrile RMA Class A (High Oil Resistance) Blue Wingprene® (corrugated)	
REINFORCEMENT: TEMPERATURE:	Spiral-plied synthetic fabric with double wire helix -65°F to 180°F (-54°C to 82°C)	Mater A
PACKAGING:	100' lengths, coiled and polywrapped	Bul
BRANDING: COUPLINGS:	Spiral brand example "Goodyear LW Arctic Tank Truck 150 psi/10 Bar." Contact fitting manufacturer for proper fitting recommendation and	
	coupling procedure.	Pe
NON-STOCK/SIZES: ORDER CODES:	Refer to page 300 for special production run minimum requirements. 543-365	Airc. Di

NON	1. ID	NOM. OD		MAX. WP					UUM IG	WEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
11/2	38.1	1.95	49.5	250	1.72	4	100	29	737	0.81	1.21
2	50.8	2.53	64.3	200	1.38	4	100	29	737	1.11	1.64
21/2	63.5	3.02	76.7	150	1.03	5	125	29	737	1.42	2.11
3	76.2	3.55	90.2	150	1.03	6	150	29	737	1.83	2.72
4	101.6	4.61	117.1	150	1.03	9	225	29	737	2.62	3.90

Air & Multipurpose General Purpose Heavy Duty Push-on

Chemical Transfer

Cleaning Equipment

> Food <u>Transfer</u> Washdown

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum

Dispensing

Transfer

Spray

.

Steam

Vacuum

Water

Discharge Suction & Discharge Washdown

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Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum

Aircraft Fuelin, Dispensing Dock **Transfer**

Spray

Steam

Vacuum

Water

Discharge Suction & Discharge Washdown

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Coupling Systems

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PETROLEUM TRANSFER PLICORD[®] WASTE MATE[™]

Designed for use in tank truck or in-plant applications for the transfer

of DILUTED industrial chemicals and petroleum waste, sludge and sediments. It is not recommended for refined petroleum products or

PILCOND WASTE IN THE TO THE OWNER

APPLICATION:

	concentrated industrial chemicals.
CONSTRUCTION	
TUBE:	Black Nitrile RMA Class A (High Oil Resistance)
COVER:	Black SBR (wrapped cover) orange branding tape
REINFORCEMENT :	Spiral-plied synthetic fabric with wire helix
TEMPERATURE:	-25°F to 180°F (-32°C to 82°C)
PACKAGING:	100' length, coiled, polywrapped
BRANDING:	Continuous spiral brand example "Goodyear™ Plicord Waste Mate 150 psi."
COUPLINGS:	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 221 for available Insta-Lock products.
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.
ORDER CODES:	549-853

NON	I. ID NOM. OD MAX. WP		NOM. OD			IND DIUS		UUM IG	WEI	GHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
2	50.8	2.48	63.0	150	1.03	4	102	29	737	1.11	1.65
21/2	63.5	3.00	76.2	150	1.03	5	127	29	737	1.42	2.11
3	76.2	3.52	89.4	150	1.03	6	152	29	737	1.88	2.80
4	101.6	4.58	116.3	150	1.03	8	203	29	737	2.62	3.90



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. © 2006. The Goodyear Tire & Rubber Company.

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PETROLEUM TRANSFER

PLICORD® FUEL DISCHARGE



APPLICATION:	Plicord [®] Fuel Discharge hose is for the discharge of gasoline, oil and other petroleum based products in tank and industrial applications.
CONSTRUCTION TUBE:	Nitrile synthetic rubber RMA Class A (High Oil Resistance), plus antistatic wires
COVER:	Black Chemivic [®] synthetic rubber RMA Class A (High Oil Resistance)
REINFORCEMENT :	Spiral plied synthetic fabric (2"-4": 2 ply; 6": 4 ply), plus grounding wires
TEMPERATURE:	-35°F to 180°F (-37°C to 82°C)
PACKAGING:	100' lengths, coiled and polywrapped
BRANDING:	Continuous spiral brand example "Goodyear™ Plicord Fuel Discharge."
COUPLINGS:	Use Goodyear's Insta-Lock Cam & Groove Fittings with this product. See page 221 for available Insta-Lock products.
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.
ORDER CODES:	543-331

NOM. ID		NON	1. OD	МАХ	. WP	WEIGHT		
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.	
3/4	19.1	1.21	30.7	150	1.03	0.42	0.63	
1	25.4	1.46	37.1	150	1.03	0.52	0.77	
11/4	31.8	1.72	43.7	150	1.03	0.63	0.94	
11/2	38.1	1.95	49.5	150	1.03	0.73	1.09	
2	50.8	2.49	63.3	150	1.03	0.98	1.46	
21/2	63.5	2.98	75.7	150	1.03	1.19	1.77	
3	76.2	3.50	88.9	150	1.03	1.45	2.16	
31/2	88.9	4.04	102.6	150	1.03	1.70	2.53	
4	101.6	4.52	114.8	150	1.03	1.91	2.84	
6	152.4	6.63	168.4	150	1.03	3.41	5.07	

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

Dispensing Dock

Tı	a	ns	fe	r

Spray

Steam

Vacuum

Water

Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix Additional Products Chemical Charts General Information Minimum Run Requirements







APPLICATION:

Catalog #06-130 Supersedes Catalog #03-130

Air & Multipurpose General Purpose Heavy Duty Push-on

> Chemical Transfer

Cleaning Equipment

Food <u>Transfer</u> 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



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PETROLEUM TRANSFER SPIRAFLEX[®] POLYURETHANE VAPOR RECOVERY

For the recovery of gasoline vapors in tank truck loading at bulk



terminals and in tank truck unloading at service stations.
Transparent Polyurethane
Transparent Polyurethane
Red rigid Pliovic [®] helix, available with static wire placed between the tube and cover
-30°F to 150°F (-34°C to 66°C)
100' lengths, coiled and polywrapped
Not branded
Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
Refer to page 300 for special production run minimum requirements.
586-465 (without static wire) 586-468 (static wire)

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT	
in.	mm.	in.	mm.	psi.	Мра.	in.	mm.	lb./ft.	kg./m.
2	50.8	2.47	62.7	30	0.21	3	76	0.57	0.85
3	76.2	3.41	86.6	20	0.14	4	102	0.68	1.01
4	101.6	4.51	114.6	15	0.10	7	178	0.98	1.46



PETROLEUM TRANSFER PYROFLEX[®] HOT TAR & ASPHALT



APPLICATION:	For the transfer of high temperature petroleum based materials such as tar, asphalt, and hot oils. It is suitable for suction and discharge service on tank trucks, tank cars, or at bulk stations. Heat resistant tube and Flexten reinforcement.	Tr Wa
CONSTRUCTION TUBE:	Black Nitrile (special heat resistant) synthetic rubber RMA Class A (High Oil Resistance)	Materia
COVER:	Black Wingprene [®] synthetic rubber RMA Class A (High Oil Resistance) with spiral red stripe	Ab Bulk
REINFORCEMENT :	Spiral-plied Flexten® with wire helix	Cemen
TEMPERATURE:	-25°F to 350°F (-32°C to 177°C)	
PACKAGING:	100' lengths, coiled and polywrapped	N
BRANDING:	Continuous spiral brand example "Goodyear [™] Pyroflex Hot Tar and Asphalt 150 psi."	Pet Aircra
COUPLINGS:	Contact fitting manufacturer for proper fitting recommendation and coupling procedure.	Dis
NON-STOCK/SIZES:	Refer to page 300 for special production run minimum requirements.	Т
ORDER CODES:	543-118	S

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Мра	in.	mm.	in.	mm.	lb./ft.	kg./m.
11/2	38.1	2.15	54.4	150	1.03	4	102	29	737	1.15	1.71
2	50.8	2.66	67.6	150	1.03	5	127	29	737	1.47	2.16
21/2	63.5	3.16	80.2	150	1.03	6	152	29	737	1.83	2.73
3	76.2	3.65	92.8	150	1.03	7	178	29	737	2.23	3.32
4	101.6	4.74	120.4	150	1.03	10	254	29	737	3.16	4.71

Air &

Chemical Transfer

Cleaning Equipment

> Food Transfer Nashdown

Marine

Material Handling Abrasives Bulk Transfer Cement & Concrete

Mining

Petroleum

Dock

Transfer

Spray

Steam

Vacuum

Water

Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Appendix Additional Products Chemical Charts General Information Minimum Run Requirements







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

PETROLEUM TRANSFER PYROFLEX® HOT TAR WAND



	APPLICATION:	A high quality wand hose used in asphalt crack filling applicator and					
	CONSTRUCTION TUBE:	dispensing service.					
	COVER:	Black Nitrile (special heat resistance)					
	REINFORCEMENT :	Black Wingprene® (wrapped finish) flame-retardant					
7	TEMPERATURE:	Spiral-plied (2) steel wire					
5		-25°F to 350°F (-32°C to 177°C)					
	BRANDING:	100' lengths, coiled and polywrapped					
•	BRANDING.	Continuous spiral brand example "Goodyear [™] Pyroflex Hot Tar Wand Hose."					
	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:	543-632					

NOM. ID		NOM. OD		МАХ	. WP	WEIGHT		
in.	mm.	in.	mm.	psi.	Мра.	lb./ft.	kg./m.	
3/4	19.1	1.33	33.8	300	2.07	0.64	0.95	
1	25.4	1.61	40.9	300	2.07	0.84	1.25	
11/2	38.1	2.11	53.6	300	2.07	1.15	1.71	



