

Aircraft Fueling



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Air & Multipurpose
 General Purpose
 Heavy Duty
 Push-on

Chemical Transfer

Cleaning Equipment

Food
 Dry Transfer
 Liquid Transfer
 Washdown

Marine

Material Handling
 Abrasives
 Bulk Transfer
 Cement & Concrete

Mining

Petroleum
 Aircraft Fueling
 Dispensing
 Dock
 Rig Supply
 Transfer Discharge
 Transfer S&D

Specialty

Steam

Vacuum

Water
 Discharge
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 Washdown
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Platinum JAC Riser Hose



Product Specifications

Application

Platinum JAC Riser is designed for aircraft refuelers equipped with moveable service platforms to act as a flexible connection between the platform and the refueling truck. Use this hose for commercial and private aircraft fueling/defueling of avgas and jet fuel.

> In a flex test of repetitive bend cycles, the leading competitor's JAC Riser product broke down at 63,600 cycles, which resulted in tube and ply separation, loss of electrical conductivity and overall kinking.

> After 124,000 cycles on the same test, the Platinum JAC Riser had no tube separation, maintained its electrical conductivity and experienced no kinking. The test was stopped at 124,000 cycles and the integrity of the hose was still intact.

> JAC Riser complies with EI 1529/2014 and ISO1825:2010 Type E Grade 2.

Construction

> Tube

Black nitrile synthetic rubber

> Cover

Black Wingprene® (ORS) static dissipating/static conductive synthetic rubber

> Reinforcement

Spiral-plyed synthetic fabric with dual helix and static dissipating wires

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Packaging

Coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Platinum JAC RISER Aircraft Fueling/Defueling Hose NFPA 407 EI1529/2014 ISO1825:2010 Type E Grade 2 2000 kPa (300 psi) MAX WP

Order Codes

543-244

Platinum JAC Riser Hose

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20737017	1½	38.1	2.18	55.4	300	2.07	6.0	152	29	737	1.27	1.89
20683391	2	50.8	2.72	69.1	300	2.07	8.0	203	29	737	1.74	2.59
20737018	2½	63.5	3.22	81.9	300	2.07	10.0	254	29	737	2.13	3.17
20683393	3	76.2	3.85	97.7	300	2.07	12.0	305	29	737	3.08	4.58
20672228	4	101.6	4.85	123.2	300	2.07	16.0	406	29	737	4.11	6.12

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
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Specialty

Steam

Vacuum

Water

Discharge
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Wingcraft™



Product Specifications

Application

Wingcraft™ is for fueling or defueling* commercial and private aircraft. It handles jet fuel and the higher aromatic aviation gasolines. Its high working pressure permits use in fuel cart hydrant service. This hose meets EI 1529-7 edition, 2014 and NFPA Bulletin #407 (2017 revision).

Construction

> Tube

Black nitrile synthetic rubber

> Cover

Black Wingprene® (ORS) static dissipating/static conductive synthetic rubber

> Reinforcement

Spiral-plied synthetic fabric

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Packaging

Cut lengths, coiled and poly-wrapped

Branding

Example: Continental ContiTech Wingcraft™ Aircraft Fueling Hose NFPA-407 EI 1529/2014 Type C Grade 2 2000 KPA (300 psi) Max WP

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedures.

Non-Stock/Sizes

Custom lengths and fitting configurations available.

Order Codes

543-738 (1" to 3")

541-738 (4")

Wingcraft™

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20018117	1	25.4	1.58	40.1	300	2.07	0.63	0.94
20018142	1¼	31.8	1.89	48.0	300	2.07	0.84	1.25
20016730	1½	38.1	2.13	54.1	300	2.07	0.96	1.43
20016784	2	50.8	2.72	69.1	300	2.07	1.43	2.13
20016778	2½	63.5	3.22	81.8	300	2.07	1.72	2.56
20190324	3	76.2	3.70	94.0	300	2.07	2.02	3.01
20016776	4	101.6	4.80	121.9	300	2.07	2.89	4.30

Hose design ratio (burst pressure) 4:1.

Note: Bulk hose and factory assemblies are hydrostatic tested to 600 psi and certified.

*Gravity defueling only.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

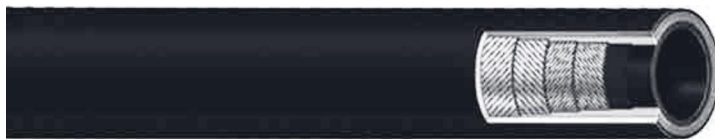
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Jet Ranger™



Product Specifications

Application

Jet Ranger™ is used in the fueling and defueling* of commercial and private aircraft. Resistant to jet fuel and higher aromatic aviation gasolines. Jet Ranger™ can also be used for hydrant service. This hose meets EI 1529-7 edition, 2014 and NFPA Bulletin #407 (2017 revision).

Construction

> Tube

Black nitrile synthetic rubber

> Cover

Black Wingprene® (ORS) static dissipating/static conductive synthetic rubber (wrapped finish)

> Reinforcement

Four spiral-plied synthetic fabric and one nylon breaker

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Packaging

Coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Jet Ranger™ ISA 1825:2010/C/OMEGA NFPA 407 EI1529/2014 Type C Grade 2 2 1/2" 2000 kPa/20 bar/300 psi MAX WP

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedures.

Order Codes

541-742 (4')
543-742 (1" to 3")

Jet Ranger™

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20018250	1½	38.1	2.06	52.3	300	2.07	0.86	1.28
20046710	1¾ ₃₂	50.0	2.57	65.3	300	2.07	1.14	1.70
20099968	2½	63.5	3.16	80.3	300	2.07	1.53	2.28
20018276	3	76.2	3.64	92.5	300	2.07	1.79	2.66
20016044	4	101.6	5.00	127.0	300	2.07	3.70	5.51

Hose design ratio (burst pressure) 4:1.

Note: Bulk hose is factory hydrostatic tested to 600 psi.

*Gravity defueling only.

Air & Multipurpose

- General Purpose
- Heavy Duty
- Push-on

Chemical Transfer

Cleaning Equipment

Food

- Dry Transfer
- Liquid Transfer
- Washdown

Marine

Material Handling

- Abrasives
- Bulk Transfer
- Cement & Concrete

Mining

Petroleum

- Aircraft Fueling
- Dispensing
- Dock
- Rig Supply
- Transfer Discharge
- Transfer S&D

Specialty

Steam

Vacuum

Water

- Discharge
- Suction & Discharge
- Washdown
- Garden

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Advantage™



Product Specifications

Application

Advantage™ Aircraft Fueling hose is for over- and under-the-wing fueling of commercial and private aircraft. This hose meets EI 1529-7 edition, 2014 and NFPA Bulletin #407 (2017 revision).

Construction

> Tube

Black nitrile synthetic rubber

> Cover

Black Wingprene® (ORS) static dissipating/static conductive synthetic rubber (wrapped impression)

> Reinforcement

Two spiral-ply synthetic fabric and one breaker

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Packaging

Cut lengths, coiled and poly-wrapped.

Branding

Example: Continental ContiTech Advantage™ Aircraft Fueling Hose NFPA407 EI1529/2014 Type C Grade 1 1 1/4" 1000 kPa (150 psi) MAX WP

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedures.

Non-Stock/Sizes

Custom lengths and female fitting configurations available.

Order Codes

543-429

Advantage™

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20017874	1	25.4	1.55	39.4	150	1.03	0.60	0.89
20017880	1¼	31.8	1.81	46.0	150	1.03	0.72	1.07
20017889	1½	38.1	2.11	53.6	150	1.03	0.96	1.43

Hose meets API Bulletin 1529-6th edition, 2005, Grade 1, Type C and N.F.P.A. Bulletin #407 (2001 revision).

Hose design ratio (burst pressure) 4:1.

Note: Bulk hose and factory assemblies are hydrostatic tested to 300 psi and certified.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Deadman Aircraft Refueling



Product Specifications

Application

The double-line Deadman Refueling hose is for automatic shutoff at the operator end of aircraft hydrant and truck refueling systems. Used with pneumatic closed-circuit refueling systems commonly referred to as single-point pressure refueling. Deadman hose is connected to air-actuated shut-off valves, that are controlled by the refueler technician at all times during aircraft refueling operations.

Construction

> Tube

Nitrile synthetic rubber, ARPM Class A (High Oil Resistance)

> Cover

Red/Green, Green/Yellow Chemivic synthetic rubber, ARPM Class A (High Oil Resistance)

> Reinforcement

Spiral synthetic yarn

Temperature Range

-20°F to 140°F (-29°C to 60°C)

Packaging

450'-750'; maximum 3 pieces, minimum 35'

Branding (Spiral)

Permanent contrasting black ink on red/green hose.
Example: 1/4 ID Aircraft Fueling Deadman Made in USA Continental ContiTech

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedures.

Order Codes

569-601 (red/green)
569-692 (green/yellow)

Deadman Aircraft Refueling

SAP #	ID		Nom. OD		Max. WP		Weight		
	Red/Green	Green/Yellow	in.	mm	in.	mm	psi	MPa	lb./ft.
20027376	20477995	1/4	6.4	0.53	13.5	200	1.38	0.2	0.3

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose

- General Purpose
- Heavy Duty
- Push-on

Chemical Transfer

Cleaning Equipment

Food

- Dry Transfer
- Liquid Transfer
- Washdown

Marine

Material Handling

- Abrasives
- Bulk Transfer
- Cement & Concrete

Mining

Petroleum

- Aircraft Fueling
- Dispensing
- Dock
- Rig Supply
- Transfer Discharge
- Transfer S&D

Specialty

Steam

Vacuum

Water

- Discharge
- Suction & Discharge
- Washdown
- Garden

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Refueling Sensing



Product Specifications

Application

The double-line Refueling Sensing hose is for use on pressurized aircraft hydrant fueling systems common at the larger metropolitan airports. The Sensing hose operates in a system where air and fuel from underground hydrants monitor the flow and pressure of fuel being pumped into the aircraft. The hose carries the deadman function (automatic safety shutdown) and pressure control signals from the dispensing vehicle to the hydrant pit control valve.

Construction

> Tube

Nitrile synthetic rubber, ARPM Class A (High Oil Resistance)

> Cover

Orange/black nitrile synthetic rubber, ARPM Class A (High Oil Resistance)

> Reinforcement

Spiral synthetic yarn

Temperature Range

-20°F to 140°F (-29°C to 60°C)

Packaging

450'-750' reels, maximum 3 pieces, minimum 35'

Branding

Permanent contrasting white ink on black hose.

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedures.

Order Codes

569-604 (orange/black)

Refueling Sensing

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20027379	3/8	9.5	0.66	16.8	200	1.38	0.28	0.42

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
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Dispensing



- Air & Multipurpose**
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- Cleaning Equipment
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- Material Handling**
- Abrasives
- Bulk Transfer
- Cement & Concrete
- Mining
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- Aircraft Fueling
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- Specialty
- Steam
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			UL and/or CUL								Ad Blue		
	Page	Certified	Gasoline	Diesel	B5	B20	B100	E10	E25	E85	/DEF	Wire	Textile
Aggie Gas	198		Yes A/S only	Yes	Yes			Yes					Yes
BC Cold Flex	196	Yes	Yes	Yes	Yes			Yes					Yes
BC Gasoline	195	Yes	Yes	Yes	Yes			Yes					Yes
BC Marina	197	Yes	Yes	Yes	Yes			Yes					Yes
DEF Dispensing	200										Yes		Yes
Flexsteel ECO-Green	194		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes
Flexsteel Futura	185	Yes	Yes	Yes	Yes			Yes					Yes
Flexsteel Futura B20	193	Yes	Yes	Yes	Yes	Yes		Yes					Yes
Flexsteel Futura E25	192	Yes	Yes	Yes	Yes			Yes	Yes				Yes
Flexsteel Futura Ethan-ALL E85	191	Yes	Yes	Yes	Yes			Yes	Yes	Yes			Yes
Flexsteel Futura HVR Low Perm	187	Yes	Yes					Yes					Yes
Flexsteel Futura Low Perm	186	Yes	Yes	Yes	Yes			Yes					Yes
Flexsteel Futura Vapor Assist	188	Yes	Yes					Yes					Yes
Maxxim Premier	189	Yes	Yes					Yes					Yes
Maxxim Premier Plus	190	Yes	Yes					Yes					Yes
Pacer	199	Yes	Yes	Yes	Yes			Yes					Yes

Flexsteel® Futura™



Product Specifications

Application

Flexsteel® Futura™ with Futurin™ cover resists cracking and fading, designed to dispense a wide range of fuels, up to E10 and B5, with extreme durability. The wire braid construction provides excellent kink-resistance, low computer creep and long service life. This hose is UL 330 and CUL approved.

Construction

> Tube

Nitrile synthetic rubber (ORS)

> Cover

Futurin™ synthetic rubber (ORS)

> Reinforcement

Wire braid

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

5/8" and 3/4" - Coupled lengths, 10 pieces per box

1" - Coupled lengths, 5 pieces per box

Branding

Example: Continental ContiTech 3/4" (19.0 mm)  Flexsteel® Futura™ Gasoline Hose 559N Made in USA

Couplings

Available as factory-coupled assemblies only.

Order Codes

532-327 (black)

532-331 (green)

532-332 (red)

532-333 (blue)

532-335 (yellow)

Flexsteel® Futura™

ID		Nom. OD		Max. WP		Weight	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
5/8	15.9	1.00	25.4	50	0.34	0.40	0.60
3/4	19.1	1.13	28.7	50	0.34	0.45	0.67
1	25.4	1.38	35.1	50	0.34	0.61	0.91

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Flexsteel® Futura™ Low Perm



The First UL-Approved Low Permeation Gasoline Dispensing Hose Available on the Market

Application

The Flexsteel® Futura™ Low Perm dispensing hose offers superior, long-lasting service with multi-fuel capability. This hose is designed for use at filling stations to reduce permeation rates to 10 grams/m²/day and improve air quality and emissions.

- > Premium abuse-resistant cover compound with enhanced ozone resistance for service longevity
- > Meets UL330 requirements
- > Meets stringent permeation requirements of less than 10 grams/m²/day.

The Flexsteel® Futura™ Low Perm dispensing hose meets the below specifications and UL330 low permeation requirements.

Construction

> Tube

Nitrile synthetic rubber with fluorothermoplastic barrier layer

> Cover

Futurin™ synthetic rubber

> Reinforcement

Single-wire braid

Permeation

Meets UL330 permeation limit of 10 grams/m²/day

Branding

Veyance Technologies 559N Made in USA 3/4" Flexsteel® Futura™ Low Perm (10g/m²/day) Gasoline Hose

Couplings

Available as factory-coupled assemblies only.

Order Codes

532-338-024

Flexsteel® Futura™ Low Perm

ID		Nom. OD		Max. WP		Weight	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
3/4	19.1	1.14	29.0	50	0.34	0.42	0.62

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
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Specialty

Steam

Vacuum

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Flexsteel® Futura™ HVR Low Perm



Product Specifications

Application

Flexsteel® Futura HVR Low Perm features an abuse-resistant cover compound with enhanced ozone resistance for service longevity.

- > Meets UL330, CARB, ORVR and EVR requirements
- > Factory-made assemblies with fittings designed for Healy Stage II Enhanced Vapor Recovery (EVR) Systems compatibility
- > Low permeation, less than 10g/m²/day

Construction

> Tube

Nitrile synthetic rubber (ORS)

> Cover

Futurin™ synthetic rubber (ORS)

> Reinforcement

One braided steel wire

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Coupled lengths only, 6 pieces per box

Branding

Veyance Technologies 559N Made in USA 3/4"

Flexsteel® Futura™ HVR Low Perm (10g/m²/day)

Gasoline Hose

Couplings

Available as factory-coupled assemblies only.

Non-Stock/Sizes

For special production run minimum requirements, contact customer service.

Order Codes

532-330

Flexsteel® Futura™ HVR Low Perm

ID		Nom. OD		Max. WP		Weight	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
3/4	19.1	1.14	29.0	50	0.34	0.42	0.62

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Flexsteel® Futura™ Vapor Assist



Air & Multipurpose
 General Purpose
 Heavy Duty
 Push-on

Chemical Transfer

Cleaning Equipment

Food
 Dry Transfer
 Liquid Transfer
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Marine

Material Handling
 Abrasives
 Bulk Transfer
 Cement & Concrete

Mining

Petroleum
 Aircraft Fueling
 Dispensing
 Dock
 Rig Supply
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Specialty

Steam

Vacuum

Water
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Product Specifications

Application

This hose is for Stage II Vacuum Assist Systems where a pump in the dispenser pulls the gasoline vapors away from the vehicle fill pipe during fueling. The wire braid construction for the fuel hose provides excellent kink resistance, low computer creep and a long service life. Flexsteel® Futura™ Vapor Assist is UL 330 approved.

Construction

> Tube

Nitrile synthetic rubber (ORS)

> Cover

Futurin™ synthetic rubber (ORS)

> Reinforcement

One braided steel wire

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Coupled lengths only, 6 pieces per box

Branding

Example: Continental ContiTech Flexsteel® Futura™ Vapor Assist 3/4" Made in USA

Couplings

Available as factory-coupled assemblies only.

Order Codes

532-362

Flexsteel® Futura™ Vapor Assist

ID	Nom. OD		Max. WP		Weight		
	in.	mm	in.	mm	lb./ft.	kg/m	
3/4	19.1	1.13	28.7	50	0.34	0.45	0.67
7/8	22.2	1.25	31.8	50	0.34	0.49	0.73

Maxxim™ Premier



Product Specifications

Application

Maxxim™ Premier is for Stage II Balance Systems where the gasoline vapors from the fill pipe are pushed back through the outer hose. The outer vapor hose has a textile-reinforced thermoplastic layer over a wire helix. The textile-reinforced thermoplastic cover has maximum puncture resistance, stable dimensions and a long service life. The wire braid construction for the fuel hose provides excellent kink resistance and low computer creep. Maxxim™ Premier hose is CARB and UL 330 approved.

Construction

> Tube

Nitrile synthetic rubber (ORS)

> Cover

Chemivc synthetic rubber (ORS), thermoplastic outer with textile reinforcement and wire helix

> Reinforcement

One braided steel wire

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Coupled lengths only, 6 pieces per box

Branding

Not branded

Couplings

Available as factory-coupled assemblies only.

Order Codes

532-365-440

Maxxim™ Premier

ID		ID-Inner Hose		Nom. OD-Inner Hose		Weight-Inner Hose	
in.	mm	in.	mm	in.	mm	lb./ft.	kg/m
1/4	31.75	5/8	15.9	0.85	21.6	0.22	0.33

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

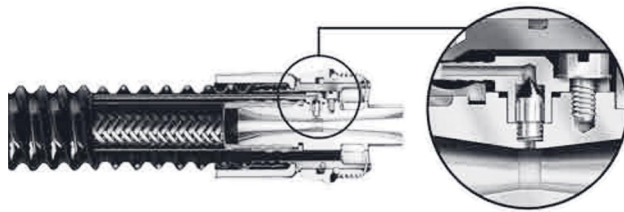
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Maxxim™ Premier Plus



Product Specifications

Application

Maxxim™ Premier Plus incorporates a Venturi pump in the protected confines of the inner fuel hose coupling to keep the vapor path open in the outer hose. As gasoline flows through the Venturi pump, gasoline accumulating in the bottom loop of the vapor hose is collected and returned to the fuel hose. CARB, EVR and UL 330 approved.

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Coupled lengths only, 6 pieces per box

Branding

Not branded

Couplings

Available as factory-coupled assemblies only

Order Codes

532-365-441
532-365-641 (EVR)

Construction

> Tube

Nitrile synthetic rubber (ORS)

> Cover

Chemivc synthetic rubber (ORS), thermoplastic outer with textile reinforcement and wire helix

> Reinforcement

One braided steel wire

Maxxim™ Premier Plus

ID		ID-Inner Hose		Nom. OD-Inner Hose		Weight-Inner Hose	
in.	mm	in.	mm	in.	mm	lb./ft.	kg/m
1/4	31.75	5/8	15.9	0.85	21.6	0.22	0.33

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Flexsteel® Futura™ Ethan-ALL™ Dispensing Hose Assembly



Product Specifications

Application

Flexsteel® Futura™ Ethan-ALL™ dispensing hose assembly is UL certified for use in ethanol dispensing applications up to E85. This assembly provides the quality Futurin™ cover with its superior ozone resistance along with a premium layline. The tube construction meets the E25/E85 compatibility test requirements of UL 330A.

The Flexsteel® Futura™ Ethan-ALL™ dispensing hose assembly uses the ContiTech proprietary Fuel Grip™ fitting with a premium nickel coating to ensure corrosion is limited.

Construction

> Tube

Nitrile synthetic rubber

> Cover

Futurin™ synthetic rubber

> Reinforcement

Wire braid

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Coupling

Available in factory-coupled assemblies only.

Branding

Continental ContiTech 3/4"  Flexsteel® Futura™ Ethan-ALL™ E85 559N Made in USA

Order Codes

532-337-124

Flexsteel® Futura™ Ethan-ALL™ Dispensing Hose Assembly

ID		OD		Max. WP		Weight	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
3/4	19.1	1.13	28.7	50	0.34	0.46	0.69

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

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Appendix

Flexsteel® Futura™ E25 Dispensing Hose Assembly



Product Specifications

Application

Flexsteel® Futura™ E25 is designed for dispensing applications with ethanol blends up to 25%. It is UL approved to UL330/ UL330A. This hose is the only UL approved E25 hose on the market.

Packaging

Coupled assemblies only

Couplings

Zinc alloy, 3/4" NPT threads

Branding

Continental ContiTech 3/4" Flexsteel® Futura™ E25
Made in USA

Order Codes

532-336

Construction

> Tube

Nitrile synthetic rubber

> Cover

Futurin™ synthetic rubber

> Reinforcement

Single-wire braid

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Flexsteel® Futura™ E25

ID		Nom. OD		Max. WP		Weight	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
3/4	19.1	1.13	28.6	50	0.34	0.46	0.69

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Flexsteel® Futura™ B20 Dispensing Hose Assembly



Product Specifications

Application

ContiTech's NEW Flexsteel® Futura™ B20 is rated for biodiesel blends up to 20%. UL approved to UL330/UL330B for dispensing applications. Our Flexsteel® Futura™ B20 Hose is the only UL approved B20 hose on the market.

Construction

> Tube

Nitrile synthetic rubber

> Cover

Green Futurin™ synthetic rubber

> Reinforcement

Single wire braid

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Coupled assemblies only

Fittings

Zinc alloy, 3/4" NPT threads

Branding

Continental ContiTech 3/4" Flexsteel® Futura™ B20 (leaf)
Made in USA

Order Codes

532-347

Flexsteel® Futura™ B20

ID		Nom. OD		Max. WP		Weight	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
3/4	19.1	1.13	28.6	50	0.34	0.46	0.69
1	25.4	1.38	35.1	50	0.34	0.61	0.91

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Flexsteel® ECO-Green Petroleum Dispensing Hose

NEW



Product Specifications

Application

Flexsteel ECO-Green is designed for dispensing applications where low extraction is needed to meet stringent clean fuel standards. The fluorothermoplastic inner liner provides excellent fuel compatibility to a wide range of fuels. The inner liner also significantly reduces fuel permeation through the hose.

Construction

> Tube
Fluorothermoplastic inner liner

> Cover
Futurin synthetic rubber

> Reinforcement
Single wire braid

Temperature Range

-40°F to 131°F (-40°C to 55°C)

Packaging

500' reels, maximum 5 pieces, 20' minimum length

Branding

Example: Continental ContiTech Flexsteel® Eco-Green Gasoline Hose HG/T 3037:2008 Type 3/M/19 mm/1.6 MPa

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedures.

Order Codes

532-340

Flexsteel® ECO-Green Petroleum Dispensing Hose

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20847034	3/4	19.1	1.14	29.0	232	1.6	0.42	0.63

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

BC Gasoline



Product Specifications

Application

BC Gasoline is for all types of dispensing pump applications where flexibility and lightweight are desired, compatible with fuels up to E10 and B5. This hose is available with one or two textile braids. BC Gasoline is UL 330 and CUL approved.

Construction

> Tube

Nitrile synthetic rubber (ORS)

> Cover

Black Chemivic synthetic rubber (ORS)

> Reinforcement

Braided synthetic yarn with static wire, available in one- or two-braid

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

5/8" and 3/4" – reels or coupled lengths, 10 pieces per box.
1" – reels or coupled lengths, 5 pieces per box.

Branding

Continental ContiTech 1" (25.4 mm)  2BD
Style BC Gasoline Hose 559N Made in USA

Couplings

Available as factory-coupled assemblies only.

Order Codes

532-012 (1-braid)
532-013 (2-braid)
532-309 (green)
532-313 (red)
532-314 (blue)

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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BC Gasoline (1-Braid)

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20014734	5/8	15.9	1.00	25.4	50	0.34	0.28	0.42
20014738	3/4	19.1	1.13	28.7	50	0.34	0.32	0.48

BC Gasoline (2-Braid)

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20021581	5/8	15.9	1.00	25.4	50	0.34	0.24	0.36
20021585	3/4	19.1	1.19	30.2	50	0.34	0.37	0.55
20021591	1	25.4	1.50	38.1	50	0.34	0.55	0.82

BC Cold Flex



Product Specifications

Application

BC Cold Flex is a premium gas pump hose for use in extremely cold environments. This hose remains flexible where temperatures of -65°F (-54°C) are encountered. BC Cold Flex is UL 330 and CUL approved, and is the first UL approved cold temperature dispensing hose. Compatible with fuels up to E10 and B5.

Construction

> Tube

Black, low-temperature synthetic rubber

> Cover

Black, low-temperature synthetic rubber (wrapped finish)

> Reinforcement

Braided synthetic yarn with antistatic wire

Temperature Range

-65°F to 140°F (-54°C to 60°C)

Packaging

500' reels +/- 50', minimum 50', maximum 3 pieces
Premade assemblies available

Branding

Continental ContiTech 3/4" (19 mm) BC Cold Flex
Low Temp Fuel Dispensing 559N Made in USA

Couplings

Available as factory-coupled assemblies only.

Order Codes

532-395

BC Cold Flex

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20195843	3/4	19.1	1.13	28.7	50	0.34	0.33	0.49
20195844	1	25.4	1.52	38.6	50	0.34	0.61	0.91

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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BC Marina



Product Specifications

Application

BC Marina is for dispensing gasoline to pleasure craft and commercial boats at fresh and salt water marinas, compatible with fuels up to E10 and B5. This hose is UL 330 and CUL approved.

Construction

> Tube

Nitrile synthetic rubber (ORS)

> Cover

Green Chemivac synthetic rubber (ORS) (non-marking)

> Reinforcement

Two braided synthetic yarn with static wire


Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Reels or coupled lengths

Branding

Continental ContiTech 1" (25.4 mm)  2BD
Style BC Marina Gasoline 559N Made in USA

Couplings

Available in factory-coupled assemblies only.

Order Codes

532-293

BC Marina

SAP#	ID		Nom. OD			Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m	
20021819	3/4	19.1	1.19	30.2	50	0.34	0.38	0.57	
20021826	1	25.4	1.50	38.1	50	0.34	0.57	0.85	

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

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Aggie Gas™



Product Specifications

Application

Aggie Gas™ is a multi-use type hose for dispensing gasoline, grease, kerosene and petroleum oils, up to E10 and B5, from farm and barrel type pumps. It is for agricultural, construction and industrial service where UL approval is not required.

Construction

> Tube

Nitrile synthetic rubber (ORS)

> Cover

Black or red Chemivic synthetic rubber (ORS)

> Reinforcement

Spiral synthetic yarn

Temperature Range

-30°F to 140°F (-34°C to 60°C)

Aggie Gas™ - No Static Wire

Order Codes: 595-001 (no static wire) (black), 595-002 (no static wire) (red)
 3/4" SAP: 20028755 (8'), 20028757 (10'), 20028759 (12'), 20028761 (14')
 1" SAP: 20028755 (8'), 20028742 (10'), 20028744 (12'), 20028746 (14')

ID		Nom. OD		Weight	
in.	mm	in.	mm	lb./ft.	kg/m
3/4	19.1	1.11	28.2	0.27	0.40
1	25.4	1.40	35.6	0.52	0.77

Aggie Gas™ - With Static Wire

Order Codes: 595-026 (with static wire - bulk) (black),
 595-028 (with static wire) - factory-coupled assemblies) (black)
 3/4" SAP: 20352464 (8'), 20352465 (10'), 20352504 (12'), 20352507 (14')
 1" SAP: 20352551 (8'), 20352552 (10'), 20352535 (12')

ID		Nom. OD		Weight	
in.	mm	in.	mm	lb./ft.	kg/m
3/4	19.1	1.11	28.2	0.27	0.40
1	25.4	1.40	35.6	0.52	0.77

Packaging

Reels or coupled lengths, 5 pieces per box

Branding

Example: Aggie Gas™ 3/4" (19.1 mm) Static Bonded Continental ContiTech

Couplings

Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications. Available in factory coupled assemblies.



Coupled assemblies available.

Air & Multipurpose

- General Purpose
- Heavy Duty
- Push-on

Chemical Transfer

Cleaning Equipment

Food

- Dry Transfer
- Liquid Transfer
- Washdown

Marine

Material Handling

- Abrasives
- Bulk Transfer
- Cement & Concrete

Mining

Petroleum

- Aircraft Fueling
- Dispensing
- Dock
- Rig Supply
- Transfer Discharge
- Transfer S&D

Specialty

Steam

Vacuum

Water

- Discharge
- Suction & Discharge
- Washdown
- Garden

Welding

Coupling Systems

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Pacer™



Product Specifications

Application

Pacer™ is for all types of gasoline dispensing applications where flexibility and a lightweight hose is desired. Pacer™ is designed with a spiral textile reinforcement. This hose is UL 330 and CUL approved. Compatible with fuels up to E10 and B5.

Construction

> Tube

Nitrile synthetic rubber (ORS)

> Cover

Chemivic synthetic rubber (ORS)

> Reinforcement

Spiral synthetic yarn with static wire

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Reels or coupled lengths

Branding

Example: 3/4" Pacer™ Continental ContiTech

Couplings

Available as factory-coupled assemblies only.

Order Codes

595-017

Pacer™

ID		Nom. OD		Weight	
in.	mm	in.	mm	lb./ft.	kg/m
5/8	15.9	0.98	24.9	0.28	0.42
3/4	19.1	1.15	29.2	0.37	0.55
1	25.4	1.50	38.1	0.60	0.89

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

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DEF Dispensing Hose



Product Specifications

Application

Diesel Exhaust Fluid (DEF: aqueous 32.5% nitrogen solution of high-purity urea in deionized water) is a key component of selective catalytic reduction (SCR) systems, which help diesel vehicles meet stringent emission regulations effective January 1, 2010. DEF is a liquid reducing agent that reacts with engine exhaust in the presence of a catalyst to convert smog-forming nitrogen oxides (NOx) into harmless nitrogen and water vapor.

ContiTech DEF Dispensing Hose is specifically designed to convey the high-purity, aqueous urea solution DEF. Hose tube compound is specially formulated with low-extraction EPDM and peroxide cured to provide superior extraction levels to significantly reduce contamination. Flexible softwall construction provides superior handling in standard dispensing and reeling applications. Static wire available for installation in Class I, Division 1 areas.

Construction

> Tube

Specially formulated low-extraction EPDM, peroxide cured

> Cover

Specially formulated EPDM

> Reinforcement

Textile braid

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Bulk, coupled assemblies (NPT and BSPP fittings available)

Branding

Example: Continental ContiTech DEF Dispensing Hose 3/4" (19.1 mm) Made in USA

Couplings

Available in factory-coupled assemblies.

Order Codes

532-027

DEF Dispensing Hose

SAP #	ID	Nom. OD		Max. WP		Weight		
		in.	mm	psi	MPa	lb./ft.	kg/m	
20554236	1/2	12.7	0.89	22.6	250	1.72	0.21	0.31
20528917	3/4	19.1	1.13	28.8	250	1.72	0.30	0.46
20686517	1	25.4	1.45	36.8	250	1.72	0.42	0.62

Air & Multipurpose

- General Purpose
- Heavy Duty
- Push-on

Chemical Transfer

Cleaning Equipment

Food

- Dry Transfer
- Liquid Transfer
- Washdown

Marine

Material Handling

- Abrasives
- Bulk Transfer
- Cement & Concrete

Mining

Petroleum

- Aircraft Fueling
- Dispensing
- Dock
- Rig Supply
- Transfer Discharge
- Transfer S&D

Specialty

Steam

Vacuum

Water

- Discharge
- Suction & Discharge
- Washdown
- Garden

Welding

Coupling Systems

Equipment

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Dock



	Page	Nitrile Tube	Flosyn Tube	Max. WP	Corrugated	Temp. Range	Built-in Nipple	Swage Nipple*
Flexdock 225	202	Yes	Yes	225	Yes	-25°F to 200°F (-32°C to 93°C)	Yes	Yes
Flexdock 300	203	Yes	Yes	300	Yes	-25°F to 200°F (-32°C to 93°C)	Yes	Yes
Hot Tar & Asphalt Rough Bore	209	Yes		200		-25°F to 350°F (-32°C to 177°C)	Yes	
Hot Tar & Asphalt Smooth Bore	209	Yes		200		-25°F to 350°F (-32°C to 177°C)	Yes	
Plicord Dock Hose	208			225		-25°F to 180°F (-32°C to 82°C)		
RB Dock Asphalt & Bitumen EN 13482	210			225		-30°F to 392°F (-37°C to 200°C)	Yes	
SB Dock Asphalt & Bitumen EN 13482	211			225		-30°F to 392°F (-37°C to 200°C)	Yes	
Smooth Bore Dock 200	204	Yes	Yes	200		-25°F to 200°F (-32°C to 93°C)	Yes	Yes
Smooth Bore Dock 300	205	Yes	Yes	300		-25°F to 200°F (-32°C to 93°C)	Yes	Yes
Tanker Barge Discharge	206	Yes	Yes	200		-25°F to 220°F (-32°C to 105°C)	Yes	Yes
Vapor Recovery Dock	207	Yes	Yes	25	Yes	-25°F to 200°F (-32°C to 93°C)	Yes	Yes

*Up to 10" ID

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Flexdock® 225



Product Specifications

Application

Flexdock® 225 is built with a corrugated cover to provide flexibility in petroleum transfer service. A variety of tube compounds are available to tailor the chemical and hydrocarbon resistance of the hose to the type of material handled.

Construction

> Tube

Nitrile synthetic rubber for up to 50% aromatics. Also available with a Flosyn® tube for up to 100% aromatics

> Cover

Black Wingprene® synthetic cover, corrugated, wrapped finish

> Reinforcement

Spiral-plied heavy-duty synthetic fabric with double wire helix

Temperature Range

-25°F to 200°F (-32°C to 93°C)

Packaging

Chloroplast heavy-duty packaging

Branding (Spiral)

Example: Continental ContiTech Flexdock® 225 psi WP

Couplings

Coupled with standard built-in steel nipple/150#RF50 flanges. Available in other bolt hole patterns, materials and floating flanges upon request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.

Non-Stock/Sizes

Custom lengths available, contact customer service.

Order Codes

541-532 (nitrile tube)

541-534 (Flosyn® tube)

Flexdock® 225 Nitrile

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
	2	50.8	2.93	74.5	225	1.55	8.0	203	29	737	2.38	3.54
20346713	3	76.2	3.96	100.5	225	1.55	11.0	279	29	737	3.47	5.16
20655171	4	101.6	5.25	133.5	225	1.55	15.0	381	29	737	6.19	9.21
	5	127.0	6.31	160.4	225	1.55	20.0	508	29	737	7.77	11.57
20032061	6	152.4	7.32	185.8	225	1.55	22.0	559	29	737	9.37	13.95
20476794	8	203.4	9.41	238.9	225	1.55	30.0	762	29	737	13.64	20.30
20098252	10	254.0	11.61	295.0	225	1.55	40.0	1016	29	737	20.29	30.20
20704428	12	305.4	13.70	348.0	225	1.55	60.0	1524	29	737	24.87	37.01

Flexdock® 225 Flosyn®

20424276	3	76.2	3.99	101.3	225	1.55	11.0	279	29	737	3.82	5.69
20054995	4	101.6	5.17	131.4	225	1.55	15.0	381	29	737	6.16	9.16
20054996	6	152.4	7.31	185.6	225	1.55	22.0	559	29	737	9.94	14.79
20129447	8	203.4	9.40	238.7	225	1.55	30.0	762	29	737	14.40	21.42
20139283	10	254.0	11.52	292.6	225	1.55	40.0	1016	29	737	20.46	30.44
20424277	12	305.4	13.72	348.5	225	1.55	60.0	1524	29	737	26.54	39.49

Hose design ratio (burst pressure) 4:1.

Note: Factory-coupled hose manufactured according to the code of Federal Regulations Standard 33 CFR 154.500 and 33 CFR 156.170.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Flexdock® 300



Product Specifications

Application

Flexdock® 300 is built with a corrugated cover to provide flexibility in petroleum transfer service. A variety of tube compounds are available to tailor the chemical and hydrocarbon resistance of the hose to the type of material handled.

Construction

> Tube

Nitrile synthetic rubber for up to 50% aromatics. Also available with a Flosyn® tube for up to 100% aromatics

> Cover

Black Wingprene® synthetic cover, corrugated, wrapped finish

> Reinforcement

Heavy-duty synthetic fabric plies with double wire helix

Temperature Range

-25°F to 200°F (-32°C to 93°C)

Packaging

Chloroplast heavy-duty packaging

Branding (Spiral)

Example: Continental ContiTech Flexdock® 300 psi WP Oil Service

Couplings

Coupled with standard built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges upon request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.

Non-Stock/Sizes

Custom lengths available, contact customer service.

Order Codes

541-533 (nitrile tube)

541-535 (Flosyn® tube)

Flexdock® 300 Nitrile

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
	2	50.8	2.98	75.7	300	2.07	10	254	29	737	2.48	3.69
	3	76.2	3.99	101.3	300	2.07	14	356	29	737	3.59	5.34
20015736	4	101.6	5.25	133.5	300	2.07	19	483	29	737	6.19	9.21
20015748	6	152.4	7.32	186.0	300	2.07	28	711	29	737	9.51	14.15
20015764	8	203.2	9.60	243.9	300	2.07	38	965	29	737	15.38	22.88
20546829	10	254.0	11.53	292.8	300	2.07	48	1219	29	737	19.88	29.59
20015774	12	305.4	13.91	353.4	300	2.07	58	1473	29	737	28.63	42.60

Flexdock® 300 Flosyn®

	3	76.2	3.99	101.3	300	2.07	14	356	29	737	3.82	5.69
20307537	4	101.6	5.17	131.4	300	2.07	19	483	29	737	6.16	9.16
20015748	6	152.4	7.31	185.6	300	2.07	28	711	29	737	9.94	14.79
20160411	8	203.4	9.56	242.9	300	2.07	38	965	29	737	15.90	23.66
	10	254.0	11.55	293.4	300	2.07	48	1219	29	737	20.74	30.87
20590479	12	305.4	13.86	351.9	300	2.07	58	1473	29	737	29.34	43.67

Hose design ratio (burst pressure) 4:1.

Note: Factory-coupled hose manufactured according to the code of Federal Regulations Standard 33 CFR 154.500 and 33 CFR 156.170.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Smooth Bore Dock 200



Product Specifications

Application

Smooth Bore Dock 200 is for the transfer of petroleum-based products between docks and ships under all types of service conditions. It is available in a number of tube compounds to tailor the fluid handling capabilities to a wide variety of petroleum and chemical compositions.

Construction

> Tube

Nitrile synthetic rubber for up to 50% aromatics; also available with a Flosyn® tube for up to 100% aromatics

> Cover

Black Chemivic (smooth cover, wrapped finish)

> Reinforcement

Spiral-plied synthetic fabric with wire helix

Temperature Range

-25°F to 200°F (-32°C to 93°C)

Packaging

Chloroplast heavy-duty packaging

Branding (Spiral)

Example: Continental ContiTech SB Dock Oil Service 200 psi WP

Couplings

Coupled with standard built-in steel nipple/150#RF50 flanges. Available in other bolt hole patterns, materials and floating flanges upon request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.

Non-Stock/Sizes

Custom lengths available, contact customer service.

Order Codes

541-004 (nitrile tube)
541-586 (Flosyn® tube)

Smooth Bore Dock 200 Nitrile

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
	2	50.8	2.94	74.6	200	1.38	12	305	29	737	2.37	3.53
	3	76.2	3.98	101.2	200	1.38	18	457	29	737	3.89	5.79
20014752	4	101.6	5.28	134.0	200	1.38	24	610	29	737	6.43	9.57
20014760	6	152.4	7.37	187.2	200	1.38	36	914	29	737	10.90	16.21
20014771	8	203.2	9.54	242.3	200	1.38	48	1219	29	737	16.08	23.93
20452847	10	254.0	11.55	293.4	200	1.38	60	1524	29	737	20.79	30.94
20014790	12	305.4	13.83	351.4	200	1.38	72	1829	29	737	29.56	43.99

Smooth Bore Dock 200 Flosyn®

	2	50.8	2.94	74.8	200	1.38	12	305	29	737	2.52	3.75
	3	76.2	4.06	103.0	200	1.38	18	457	29	737	4.34	6.46
20248891	4	101.6	5.24	133.0	200	1.38	24	610	29	737	6.46	9.61
20170662	6	152.4	7.34	186.4	200	1.38	36	914	29	737	11.09	16.50
20015908	8	203.2	9.51	241.5	200	1.38	48	1219	29	737	16.36	24.35
20015912	10	254.0	11.52	292.6	200	1.38	60	1524	29	737	21.16	31.49
	12	305.4	13.86	352.2	200	1.38	72	1829	29	737	30.83	45.88

Hose design ratio (burst pressure) 4:1.

Note: Factory-coupled hose manufactured according to the code of Federal Regulations Standard 33 CFR 154.500 and 33 CFR 156.170.

- Air & Multipurpose
 - General Purpose
 - Heavy Duty
 - Push-on
- Chemical Transfer
- Cleaning Equipment
- Food
 - Dry Transfer
 - Liquid Transfer
 - Washdown
- Marine
- Material Handling
 - Abrasives
 - Bulk Transfer
 - Cement & Concrete
- Mining
- Petroleum**
 - Aircraft Fueling
 - Dispensing
 - Dock
 - Rig Supply
 - Transfer Discharge
 - Transfer S&D
- Specialty
- Steam
- Vacuum
- Water
 - Discharge
 - Suction & Discharge
 - Washdown
 - Garden
- Welding
- Coupling Systems
- Equipment
- Appendix

Smooth Bore Dock 300



Product Specifications

Application

Smooth Bore Dock 300 is for the transfer of petroleum-based products between docks and ships under all types of service conditions. It is available in a number of tube compounds to tailor the fluid handling capabilities to a wide variety of petroleum and chemical compositions.

Construction

> Tube

Nitrile synthetic rubber for up to 50% aromatics; also available with a Flosyn® tube for up to 100% aromatics

> Cover

Black Wingprene® synthetic rubber

> Reinforcement

Spiral wire helix between plies of synthetic fabric

Temperature Range

-25°F to 200°F (-32°C to 93°C)

Packaging

Chloroplast heavy-duty packaging

Branding (Spiral)

Example: Continental ContiTech SB Dock 300 psi WP

Couplings

Coupled with standard built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges upon request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.

Non-Stock/Sizes

Custom lengths available, contact customer service.

Order Codes

541-580 (nitrile tube)

541-584 (Flosyn® tube)

Smooth Bore Dock 300 Nitrile

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
	2½	63.5	3.47	88.1	300	2.07	18	457	29	737	3.07	4.56
	3	76.2	4.05	102.8	300	2.07	21	533	29	737	4.14	6.16
20274024	4	101.6	5.28	134.0	300	2.07	27	686	29	737	6.43	9.57
	6	152.4	7.44	189.0	300	2.07	39	991	29	737	11.48	17.08
20266243	8	203.2	9.72	246.8	300	2.07	51	1295	29	737	17.80	26.49
20406529	10	254.0	11.73	297.8	300	2.07	63	1600	29	737	22.88	34.05
20704654	12	305.4	14.01	356.0	300	2.07	75	1905	29	737	32.53	48.41

Smooth Bore Dock 300 Flosyn®

	2	50.8	3.05	77.4	300	2.07	15	381	29	737	2.83	4.21
	3	76.2	4.07	103.4	300	2.07	21	533	29	737	4.40	6.55
20170523	4	101.6	5.30	134.6	300	2.07	27	686	29	737	6.78	10.10
	5	127.0	6.39	162.4	300	2.07	33	838	29	737	9.46	14.08
	6	152.4	7.53	191.2	300	2.07	39	991	29	737	12.46	18.54
20015899	8	203.4	9.80	249.0	300	2.07	51	1295	29	737	19.09	28.41
	10	254.0	11.81	300.0	300	2.07	63	1600	29	737	24.45	36.39
	12	305.4	14.09	358.0	300	2.07	75	1905	29	737	33.94	50.51

Hose design ratio (burst pressure) 4:1. Note: Factory-coupled hose manufactured according to the code of Federal Regulations Standard 33 CFR 154.500 and 33 CFR 156.170.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Tanker Barge Discharge



Product Specifications

Application

This hose is for discharge applications such as the transfer of petroleum-based products between docks and barges.

Construction

> Tube

Nitrile synthetic rubber for up to 50% aromatics

> Cover

Black Wingprene® synthetic rubber

> Reinforcement

Spiral-plied synthetic fabric with grounding wires

Temperature Range

-25°F to 220°F (-32°C to 104°C)

Packaging

Chloroplast heavy-duty packaging

Branding (Spiral)

Example: Continental ContiTech Tanker Barge Discharge 200 psi WP Nitrile Made in Canada

Couplings

Coupled with standard built-in steel nipple/150#RF50 flanges. Available in other bolt hole patterns, materials and floating flanges upon request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.

Non-Stock/Sizes

Custom lengths available, contact customer service.

Order Codes

541-426 (nitrile tube)

Tanker Barge Discharge

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
	2	50.8	2.71	68.9	200	1.38	1.57	2.33
	3	76.2	3.71	94.3	200	1.38	2.23	3.32
20045864	4	101.6	4.84	122.9	200	1.38	3.47	5.16
20104917	6	152.4	7.07	179.5	200	1.38	6.50	9.68
20136624	8	203.4	9.08	230.5	200	1.38	8.49	12.64
20015537	10	254.0	11.24	285.4	200	1.38	12.17	18.12
20259811	12	305.4	13.43	341.0	200	1.38	16.53	24.60

Hose design ratio (burst pressure) 4:1.

Note: Factory-coupled hose manufactured according to the code of Federal Regulations Standard 33 CFR 154.500 and 33 CFR 156.170.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Vapor Recovery Dock



Product Specifications

Application

For use in the recovery of petroleum vapors during the transfer of petroleum-based products between docks and tankers or barges.

Construction

> Tube

Nitrile synthetic rubber for up to 50% aromatics; also available with a Flosyn® tube for up to 100% aromatics

> Cover

Black Chemivic synthetic rubber (corrugated)

> Reinforcement

Synthetic fabric plies plus two wire helix

Temperature Range

-25°F to 200°F (-32°C to 93°C)

Packaging

Chloroplast heavy-duty packaging

Branding (Spiral)

Example: Continental ContiTech Vapor Recovery Hose 25 psi MWP

Couplings

Built-in nipples (or swaged fittings up to 10" ID) fitted with 150# flange with an extra 5/8" diameter hole located midway between the flange bolt hole as per Coast Guard requirements.

Non-Stock/Sizes

Custom lengths available, contact customer service.

Order Codes

541-090 (nitrile tube)
541-643 (Flosyn® tube)

Vapor Recovery Dock Nitrile

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
	6	152.4	6.98	177.2	25	0.17	22	559	29	737	7.10	10.60
20157291	8	203.4	8.96	227.5	25	0.17	30	762	29	737	9.01	13.41
20323233	10	254.0	11.04	280.5	25	0.17	40	1016	29	737	13.58	20.20
20014974	12	305.4	13.07	331.9	25	0.17	60	1524	29	737	16.17	24.08

Vapor Recovery Dock Flosyn®

20585185	6	152.4	6.95	176.4	25	0.17	22	559	29	737	7.29	10.85
	8	203.4	8.93	226.7	25	0.17	30	762	29	737	9.28	13.81
20170523	10	254.0	11.01	279.7	25	0.17	40	1016	29	737	13.91	20.71
	12	305.4	13.04	331.1	25	0.17	60	1524	29	737	16.58	24.68

Hose design ratio (burst pressure) 4:1.

Note: Factory-coupled hose manufactured according to the code of Federal Regulations Standard 33 CFR 154.810 and 33 CFR 156.170.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Plicord® Dock Hose



Product Specifications

Application

Plicord® Dock is for the transfer of petroleum products between docks and tankers and is rated for 250 working psi. This hose is not intended for offshore or submarine applications.

Construction

> Tube

Nitrile synthetic rubber

> Cover

1/4" black SBR synthetic rubber

> Reinforcement

Spiral wire helix between plies of synthetic fabric

Temperature Range

-25°F to 180°F (-32°C to 82°C)

Packaging

Heavy-duty plastic packaging

Branding

Continental ContiTech Plicord Dock Fuel Delivery - Nitrile 250 PSI Max WP Made in Canada (2" spiral transfer tape)

Couplings

Coupled with galvanized built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges upon request. Hose assembly is electrically continuous unless otherwise specified by customer.

Non-Stock/Sizes

Custom lengths available, contact customer service.

Order Codes

541-577

Plicord® Dock Hose

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
	4	101.6	5.58	141.8	250	1.72	24.0	610	29.0	737	8.06	11.99
20015841	6	152.4	7.77	197.2	250	1.72	36.0	914	29.0	737	14.35	21.36
20108741	8	203.4	9.86	250.3	250	1.72	48.0	1219	29.0	737	20.13	29.96
20161600	10	254.0	12.16	308.9	250	1.72	60.0	1524	29.0	737	29.25	43.33
20264034	12	305.4	14.15	359.3	250	1.72	72.0	1829	29.0	737	33.92	50.48

Hose design ratio (burst pressure) 4:1.

Note: Factory-coupled hose manufactured according to the code of Federal Regulations Standard 33 CFR 154.500 and 33 CFR 156.170.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

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Appendix

Hot Tar & Asphalt



Product Specifications

Application

Designed for petroleum-based products up to 350°F between docks and tankers or barges under heavy-duty conditions.

Construction

> Tube

Nitrile synthetic rubber, flat steel wire helix supporting the tube

> Cover

Wingprene® synthetic rubber

> Reinforcement

Spiral-plied synthetic fabric with wire helix

Temperature Range

-25°F to 350°F (-32°C to 177°C)

Packaging

Custom lengths available, contact customer service.

Branding

Example: Continental ContiTech RB Dock Hot Asphalt 350°F 225 psi max

Couplings

Coupled with built-in steel nipple/150#RFSSO flanges. Available in other bolt hole patterns, materials and floating flanges upon request. Smooth bore assembly is electrically continuous unless otherwise specified by customer. Rough bore assembly is offered as electrically continuous only.

Non-Stock/Sizes

Custom lengths available, contact customer service.

Order Codes

541-582 (rough)

541-606 (smooth)

Smooth Bore

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
	3	76.2	4.31	109.4	225	1.55	24	610	29	737	5.12	7.62
20274024	4	101.6	5.38	136.6	225	1.55	36	914	29	737	7.06	10.51
20276576	6	152.4	7.75	196.7	225	1.55	48	1219	29	737	13.99	20.82
20266243	8	203.2	9.83	249.6	225	1.55	60	1524	29	737	19.20	28.58
20473949	10	254.0	11.81	299.9	225	1.55	80	2032	29	737	23.29	34.67
	12	305.4	13.83	351.4	225	1.55	96	2438	29	737	27.60	41.07

Hose design ratio (burst pressure) 4:1.

Rough Bore

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
20283225	6	152.4	8.19	208.1	225	1.55	36	914	29	737	16.87	25.11
20288374	8	203.2	10.27	260.8	225	1.55	48	1219	29	737	23.22	34.56
20015897	10	254.0	12.22	310.3	225	1.55	60	1524	29	737	29.35	43.68

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

RB Dock Asphalt & Bitumen EN 13482



Product Specifications

Application

This is a Rough Bore (RB) Dock hose designed for asphalt and bitumen products up to 392°F (200°C) dockside transfer between docks and ships. All sizes are rated at full vacuum.

Construction

> Tube

Black, oil-resistant nitrile synthetic rubber, supported by a flat steel helix wire

> Cover

Nitrile/synthetic black rubber, Ozone-, oil-, sea water- and abrasion-resistant

> Reinforcement

Spiral wire helix between plies of synthetic fabric

Temperature Range

-25°F to 392°F (-32°C to 200°C)

Branding (Spiral)

Coast Guard & Stainless steel name plate at both ends:
Example: Continental ContiTech Asphalt and Bitumen EN 13482:2001 Type 2 RB ID mm 15 bar 200°C

Couplings

Built-in couplings with flanges

Standards

- > ISO 1307
- > BS EN 13482 Type 2, Class B
- > Coast Guard Federal Regulations, Title 33, Chapter 1, Subpart C Clause 154.500

Order Code

541-217

RB Dock Asphalt & Bitumen EN 13482

ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
	in.	mm	in.	mm	psi	MPa	in.	mm	lb./ft.	kg/m	
4	101.6	5.71	145.1	225	1.55	30	762	29	737	8.66	12.89
6	152.4	7.97	202.5	225	1.55	40	1016	29	737	14.71	21.89
8	203.2	10.05	255.2	225	1.55	50	1270	29	737	20.49	30.49
10	254.0	12.11	307.7	225	1.55	60	1524	29	737	27.33	40.67

Hose design ratio (burst pressure) 6:1. Vacuum resistance up to -0.9 bar.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

SB Dock Asphalt & Bitumen EN 13482



Product Specifications

Application

This is a Smooth Bore (SB) Dock hose designed for asphalt and bitumen products up to 392°F (200°C) dockside transfer between docks and ships. All sizes are rated at full vacuum.

Construction

> Tube

Black, oil-resistant Nitrile synthetic rubber, supported by a flat steel helix wire

> Cover

Nitrile/synthetic black rubber, ozone-, oil-, sea water- and abrasion-resistant

> Reinforcement

Spiral wire helix between plies of synthetic fabric

Temperature Range

-25°F to 392°F (-32°C to 200°C)

Branding (Spiral)

Coast Guard & Stainless steel name plate at both ends.
Example: Continental ContiTech Asphalt and Bitumen EN 13482:2001 Type 2 RB ID mm 15 bar 200°C

Couplings

Built-in couplings with flanges

Standards

> ISO 1307
> BS EN 13482 Type 2, Class B
> Coast Guard Federal Regulations, Title 33, Chapter 1, Subpart C clause 154.500

Product Code

Built to length. Please contact customer service for further details.

Order Code

541-240

SB Dock Asphalt & Bitumen EN 13482

ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
4	101.6	5.38	136.6	225	1.55	24	610	29	737	6.85	10.19
6	152.4	7.75	196.7	225	1.55	34	864	29	737	13.58	20.21
8	203.4	9.83	249.6	225	1.55	44	1118	29	737	18.68	27.80
10	254.0	11.81	299.9	225	1.55	55	1397	29	737	22.66	33.72

Hose design ratio (burst pressure) 6:1. Vacuum resistance up to -0.9 bar.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Coupling Systems

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Rig Supply



	Page	Max. WP	Temp. Range	Refined Fuels	Wire Helix
Diesel Oil HW	213	200	-35°F to 200°F (-37°C to 93°C)	Yes	Yes
Diesel Oil SW	214	150	-35°F to 200°F (-37°C to 93°C)	Yes	
Offshore Fuel 500 HW ASW	217	500	35°F to 200°F (-37°C to 93°C)	Yes	Yes
Offshore Fuel HW 500	218	500	35°F to 200°F (-37°C to 93°C)	Yes	Yes
Oil Rig BioFuel SW	219	290	35°F to 200°F (-37°C to 93°C)	Yes	
Oil Rig HW	215	290	35°F to 200°F (-37°C to 93°C)	Yes	Yes
Oil Rig HW ARC	220	290	35°F to 200°F (-37°C to 93°C)		Yes
Oil Rig Service with Integral Positive Float System	223-224	290	-22°F to 180°F (-30°C to 82°C)		
Oil Rig SW	216	290	35°F to 200°F (-37°C to 93°C)		
Plicord HW Dry Cement/Barytes	221	150	-22°F to 180°F (-30°C to 82°C)		Yes
Plicord SW Dry Cement/Barytes	222	150	-22°F to 180°F (-30°C to 82°C)		

Air & Multipurpose
 General Purpose
 Heavy Duty
 Push-on

Chemical Transfer

Cleaning Equipment

Food
 Dry Transfer
 Liquid Transfer
 Washdown

Marine

Material Handling
 Abrasives
 Bulk Transfer
 Cement & Concrete

Mining

Petroleum
 Aircraft Fueling
 Dispensing
 Dock
 Rig Supply
 Transfer Discharge
 Transfer S&D

Specialty

Steam

Vacuum

Water
 Discharge
 Suction & Discharge
 Washdown
 Garden

Welding

Coupling Systems

Equipment

Appendix

Diesel Oil HW

Product Specifications

Application

Diesel Oil HW is for use on offshore oil rigs to transfer petroleum-based products with up to 50% aromatic content. The special tube and cover compound allows for maximum oil resistance. This hose features a double wire helix for unbeatable stability.

Construction

> Tube

Black nitrile, ARPM Class A (High Oil Resistance)

> Cover

Black polychloroprene (MSHA fire-resistant) (wrapped impression)

> Reinforcement

Spiral-plyed fabric with double wire helix

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Packaging

Coiled and poly-wrapped

Branding

Continental ContiTech Diesel Oil Made in Canada (3/4" spiral transfer tape, brown backing with black lettering)

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

541-271 (4"-8")

543-271 (2½"-6")

Diesel Oil HW

ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
2.50	63.5	3.11	79.0	200	1.38	6	152	29	737	1.88	2.80
3.00	76.2	3.62	91.9	200	1.38	7	178	29	737	2.26	3.37
4.00	101.6	4.72	119.9	200	1.38	10	254	29	737	3.45	5.14
5.00	127.0	5.81	147.6	200	1.38	20	508	29	737	5.00	7.44
6.00	152.4	6.81	173.0	200	1.38	24	610	29	737	6.02	8.97
8.01	203.4	9.13	231.9	200	1.38	32	813	29	737	12.35	18.38

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Diesel Oil SW

Product Specifications

Application

Diesel Oil SW is for use on offshore oil rigs to transfer petroleum-based products with up to 50% aromatic content. This hose has superb oil resistance with its unique tube and cover compounds, plus antistatic wire. A high strength reinforcement provides toughness and a high safety margin.

Construction

> Tube

Black nitrile, ARPM Class A (High Oil Resistance)

> Cover

Black polychloroprene (MSHA fire-resistant) (wrapped impression)

> Reinforcement

Spiral-plied fabric with antistatic wire

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Branding

Continental ContiTech Diesel Oil Made in Canada (3/4" spiral transfer tape, brown backing with black lettering)

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Packaging

Coiled and poly-wrapped

Order Codes

541-272 (6"-8")

543-272 (3"-6")

Diesel Oil SW

ID		Nom. OD		Max. WP		Weight	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
3	76.2	3.63	92.1	150	1.03	2.00	2.98
4	101.6	4.66	118.4	150	1.03	2.71	4.03
5	127.0	5.71	145.0	150	1.03	3.61	5.37
6	152.4	6.71	170.4	150	1.03	4.28	6.37
8	203.4	8.80	223.6	150	1.03	6.27	9.33

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose

General Purpose

Heavy Duty

Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer

Liquid Transfer

Washdown

Marine

Material Handling

Abrasives

Bulk Transfer

Cement & Concrete

Mining

Petroleum

Aircraft Fueling

Dispensing

Dock

Rig Supply

Transfer Discharge

Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge

Suction & Discharge

Washdown

Garden

Welding

Coupling Systems

Equipment

Appendix

Oil Rig HW

Product Specifications

Application

Oil Rig HW is for use on offshore oil rigs to transfer petroleum-based products with up to 50% aromatic content. The special tube and cover compound allows for maximum oil resistance. This hose features a double wire helix for unbeatable stability. This hose has a 290 psi (20 bar) working pressure.

Construction

> Tube

Black nitrile, ARPM Class A (High Oil Resistance)

> Cover

Black polychloroprene (MSHA fire-resistant) (wrapped impression)

> Reinforcement

Spiral-plied fabric with double wire helix

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Branding

Continental ContiTech Rig Supply Hardwall WP 20 bar BP 60 bar -M Made in Canada (3/4" spiral transfer tape, yellow backing with black lettering)

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Packaging

Coiled and poly-wrapped

Order Codes

541-297 (8"-12")
543-297 (3"-6")

Oil Rig HW

ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
3.00	76.2	3.65	92.8	290	2.00	7	178	29	737	2.38	3.55
3.13	79.4	3.81	96.8	290	2.00	8	203	29	737	2.59	3.86
4.00	101.6	4.69	119.1	290	2.00	10	254	29	737	3.33	4.95
5.00	127.0	5.81	147.6	290	2.00	20	508	29	737	5.00	7.44
6.00	152.4	6.81	173.0	290	2.00	24	610	29	737	6.02	8.97
8.01	203.4	9.16	232.7	290	2.00	32	813	29	737	11.11	16.54
10.00	254.0	11.38	289.2	290	2.00	40	1016	29	737	17.25	25.67
12.03	305.4	13.57	344.7	290	2.00	48	1219	29	737	24.40	36.31

Hose design ratio (burst pressure) 3:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Oil Rig SW

Product Specifications

Application

Oil Rig SW is for use on offshore oil rigs to transfer petroleum-based products with up to 50% aromatic content. This hose has superb oil resistance with its unique tube and cover compounds plus antistatic wire. High strength reinforcement provides toughness and a high safety margin. This hose has a maximum working pressure of 290 psi (20 bar).

Construction

> Tube

Black nitrile, ARPM Class A (High Oil Resistance)

> Cover

Black polychloroprene (MSHA fire-resistant) (wrapped impression)

> Reinforcement

Spiral-plied fabric with antistatic wire

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Branding

Continental ContiTech Rig Supply Softwall WP 20 bar BP 60 Bar -M Made in Canada (3/4" spiral transfer tape, yellow backing with black lettering)

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Packaging

Coiled and poly-wrapped

Order Codes

541-295 (8"-12")

543-295 (3"-6")

Oil Rig SW

ID		Nom. OD		Max. WP		Weight	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
3.00	76.2	3.58	91.0	290	2.00	1.82	2.70
4.00	101.6	4.63	117.6	290	2.00	2.60	3.87
5.00	127.0	5.63	143.0	290	2.00	3.20	4.76
6.00	152.4	6.65	169.0	290	2.00	3.88	5.77
8.01	203.4	8.74	222.0	290	2.00	5.74	8.54
10.00	254.0	11.00	279.5	290	2.00	9.37	13.94
12.03	305.4	13.22	335.7	290	2.00	13.32	19.83

Hose design ratio (burst pressure) 3:1.

Air & Multipurpose

General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

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Appendix

Offshore Fuel HW 500 ASW

Product Specifications

Application

This hose is for use on offshore oil rigs to transfer petroleum-based products with up to 50% aromatic content. This hose has a high working pressure of 500 psi with antistatic wire and MSHA fire-resistant rated cover. This hose can also be used as Liquid Mud HW.

Construction

> Tube

Black nitrile, ARPM Class A (High Oil Resistance)

> Cover

Black polychloroprene (MSHA fire-resistant) (wrapped impression)

> Reinforcement

Spiral-plied fabric with double wire helix and antistatic wire

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Branding

Continental ContiTech HW Offshore Fuel Loading 500 psi WP MSHA IC-233/O Made in Canada (3/4" spiral transfer tape, red backing with black lettering)

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Packaging

Coiled and poly-wrapped

Order Codes

543-495

Offshore Fuel HW 500 ASW

ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
3	76.2	4.01	101.9	500	3.45	10	254	29	737	3.61	5.37
4	101.6	5.09	129.4	500	3.45	12	305	29	737	5.02	7.47

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Offshore Fuel HW 500

Product Specifications

Application

Offshore Oil Fuel is for use on offshore oil rigs to transfer petroleum-based products with up to 50% aromatic content. This hose has a high working pressure of 500 psi. It can be also used as Liquid Mud HW.

Construction

> Tube

Black nitrile, ARPM Class A (High Oil Resistance)

> Cover

Black nitrile/PVC (wrapped impression)

> Reinforcement

Spiral-plied fabric with double wire helix

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Branding

Continental ContiTech HW Offshore Fuel Loading
500 psi WP Made in Canada
(1" spiral transfer tape, red backing with black lettering)

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Packaging

Coiled and poly-wrapped

Order Codes

543-526 (3"-4")

541-526 (6")

Offshore Fuel HW 500

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	76.2	4.01	101.9	500	3.45	10	254	29	737	3.42	5.10
4	101.6	5.03	127.8	500	3.45	12	305	29	737	4.49	6.68
6	152.4	7.31	185.7	500	3.45	36	914	29	737	8.90	13.25

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

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Appendix

Oil Rig BioFuel SW

Product Specifications

Application

Oil Rig BioFuel SW is for use on offshore oil rigs to transfer petroleum-based products with up to 60% aromatic content, specifically for biodiesel. It has superb oil-resistance due to its unique tube and cover compounds, plus antistatic wire. Its high strength reinforcement provides toughness and a high safety margin. This hose has a maximum working pressure of 290 psi (20 bar).

Construction

> Tube

Black static-dissipating nitrile, ARPM Class A (High Oil Resistance), for diesel, biodiesel and ethanol blends

> Cover

Black nitrile/PVC (wrapped impression) resistant to biodiesel and ethanol blends

> Reinforcement

Spiral-plied fabric with antistatic wire

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Branding

Continental ContiTech Rig Supply Softwall WP 20 bar BP 60 bar -M Made in Canada
(3/4" spiral transfer tape, yellow backing with black lettering and additional green stripe)

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Packaging

Coiled and poly-wrapped

Order Codes

543-624

Diesel Oil SW

ID		Nom. OD		Max. WP		Weight	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
6	152.4	6.71	170.4	290	2.00	3.86	5.75

Hose design ratio (burst pressure) 3:1.

Air & Multipurpose

General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

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Oil Rig HW ARC

Air & Multipurpose

General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

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Product Specifications

Application

Oil Rig HW ARC is for use on offshore oil rigs to transfer petroleum-based products. The Abrasion Resistant Cover (ARC) has a superior abrasion resistance to handle excessive wear. This hose has a maximum 290 psi (20 bar) working pressure.

Construction

> Tube

Black nitrile/PVC, ARPM Class B (Medium Oil Resistance)

> Cover

Black EPDM with 50% coverage thermoplastic ARC treatment for improved slipperiness

> Reinforcement

Spiral-ply fabric with double wire helix

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Branding

Continental ContiTech Made in Canada
(3/4" spiral transfer tape and additional plain yellow stripe)

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Packaging

Coiled and poly-wrapped

Order Codes

543-225

Oil Rig HW ARC

ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
4	101.6	4.81	122.3	290	2.00	16	406	29	737	3.64	5.42
5	127.0	5.90	149.8	290	2.00	20	508	29	737	5.17	7.69

Hose design ratio (burst pressure) 3:1.

Plicord® HW Dry Cement/Barytes



Product Specifications

Application

This hose is a heavy-duty high-performance suction and discharge hose for the bulk transfer of dry cement and barytes from supply vessels to off-shore platform and drilling rigs.

Construction

> Tube

Black Chemituf® static conducting synthetic rubber

> Cover

Black SBR synthetic rubber with yellow spiral stripe (cement) and orange stripe (barites) wrapped finish

> Reinforcement

Four spiral-ply synthetic fabric plus helix wire

Temperature Range

-32°F to 82°F (-25°C to 180°C)

Packaging

30.5 m coils (available in other lengths up to 122 m)

Branding (Spiral)

Example: Continental ContiTech Dry Cement Hardwall
Continental ContiTech Barytes Hardwall

Order Codes

549-275 (cement)

549-070 (Barytes)

Plicord® HW Dry Cement/Barytes

ID		Nom. OD		Max. WP		Bend Radius	Weight	
in.	mm	in.	mm	psi	bar	mm	lb./ft.	kg/m
4	102.3	4.84	121.0	150	10	1015	3.16	4.70
5	127.4	5.86	151.0	150	10	1270	5.41	8.04
6	152.6	6.85	176.4	150	10	1525	6.57	9.77

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Plicord® SW Dry Cement/Barytes



Product Specifications

Application

This hose is a heavy-duty high-performance discharge hose for the bulk transfer of dry cement and barites from supply vessels to off-shore platforms and drilling rigs.

Temperature Range

-32°F to 82°F (-25°C to 180°C)

Packaging

30.5 m coils (available in other lengths up to max 122 m)

Branding (Spiral)

Example: Continental ContiTech Dry Cement Softwall

Order Codes

549-274 (cement)

549-278 (Barytes)

Construction

> Tube

Black Chemituf® static dissipation

> Cover

Black SBR

> Reinforcement

4 plies with static wire

Plicord® SW Dry Cement/Barytes

ID		Nom. OD		Max. WP	Weight
in.	mm	in.	mm	psi	lb./ft.
3	76.0	3.83	97.4	150	2.44
4	101.6	4.85	123.2	150	3.22
5	127.0	5.88	149.4	150	4.13
6	152.4	6.93	176.0	150	5.24

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

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Oil Rig Service Hose with Integral Positive Float System



Product Specifications

Application

This hose is specifically designed to be used on service vessels to offshore drilling and production platforms for the transfer of a wide range of products from petroleum to drinking water. The unique positive float system allows the hose to maintain flotation with products of various specific gravities.

The system consists of a section of floating hose up to a length of 30.5 m which may be attached to various lengths of hose (up to 120 m) attached to the supply vessel. In addition, the supply hose may incorporate integrated wear strips on the cover to improve the abrasion resistance of the hose. The system may be stored on platform reeling systems and the hose may be supplied with a RFID chip for integrated hose management.

Construction

> Tube

Various synthetic rubber compounds are offered depending on hose service and product conveyed

> Cover

Synthetic rubber with excellent resistance to ozone and weathering. An abrasion strip is available to extend the service life of the outer hose

> Reinforcement

Spiral reinforcement plies are available with (hardwall)* or without (softwall) helix wire

Positive Float

Well proven closed cell foam floating material used also in OCIMF hoses. Foam thickness design based upon product conveyed as specified by the customer. The foam is covered with an integral orange rubber cover.

Approvals

Currently in use in the North Sea with major oil and drilling companies.

Branding

Standard ContiTech brand

Temperature

-22°F to 180°F (-30°C to 82°C)

Lengths

Custom built, up to 30.5 m (100') with floatation and 120 m (400') without

Colors

Available in orange or black

Couplings

A range of internally and externally swaged fittings and "built-in" fittings are available for these hose.

Packaging

Bulk and coupled assemblies available

Dimensions

See next page. Other diameter/design available upon request.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
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- Chemical Transfer
- Cleaning Equipment
- Food**
 - Dry Transfer
 - Liquid Transfer
 - Washdown
- Marine
- Material Handling**
 - Abrasives
 - Bulk Transfer
 - Cement & Concrete
- Mining
- Petroleum**
 - Aircraft Fueling
 - Dispensing
 - Dock
 - Rig Supply
 - Transfer Discharge
 - Transfer S&D
- Specialty
- Steam
- Vacuum
- Water**
 - Discharge
 - Suction & Discharge
 - Washdown
 - Garden
- Welding
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3" Positive Float

ID	OD**		Max. WP		Bend Radius		Weight		Max. SG***	
	in.	mm	in.	mm	psi	bar	in.	mm	kg/m	lb./ft.
2	51	8.7	220	290	20	20	510	8.35	5.65	8.00
3	76	9.4	240	290	20	30	760	9.90	6.69	4.20
4	102	10.7	270	290	20	40	1020	11.63	7.85	3.10

Hose design ratio (burst pressure) 4:1.

1½" Positive Float

ID	OD**		Max. WP		Bend Radius		Weight		Max. SG***	
	in.	mm	in.	mm	psi	bar	in.	mm	kg/m	lb./ft.
2	51	5.5	140	290	20	20	510	3.5	2.36	3.10
3	76	6.3	160	290	20	30	760	4.39	2.96	1.90
4	102	7.5	190	290	20	40	1020	5.37	3.62	1.60

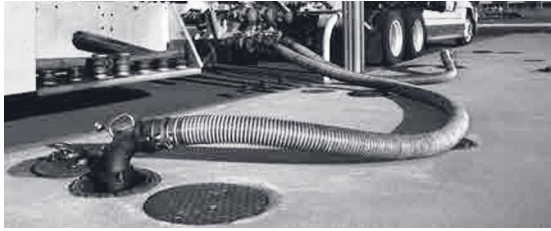
Hose design ratio (burst pressure) 3:1.

*For vacuum service, Rig Supply Hardwall is utilized.

**Floating hose OD's are based on 3" and 1½" flotation material and Rig Supply Softwall Hose.

***Max. SG – Maximum Specific Gravity of the product allowed to have a reserved buoyancy of Min. +25%.

Transfer Discharge



	Page	Temp. Range	Refined Fuels	Corrugated Cover	Lightweight
Blue Low Temp Fuel Oil Delivery	227	-40°F to 140°F (-40°C to 60°C)	Yes		
Plicord Fuel Discharge	228	-35°F to 180°F (-37°C to 82°C)	Yes		
Plicord Oilfield Frac	229	-25°F to 180°F (-32°C to 82°C)			
Prospector Petro 150	231	-25°F to 180°F (-32°C to 82°C)			
Pyroflex Hot Tar Wand	230	-25°F to 350°F (-32°C to 177°C)			
Redwing Fuel Oil	226	-40°F to 140°F (-40°C to 60°C)	Yes		

Air & Multipurpose
 General Purpose
 Heavy Duty
 Push-on

Chemical Transfer

Cleaning Equipment

Food
 Dry Transfer
 Liquid Transfer
 Washdown

Marine

Material Handling
 Abrasives
 Bulk Transfer
 Cement & Concrete

Mining

Petroleum
 Aircraft Fueling
 Dispensing
 Dock
 Rig Supply
 Transfer Discharge
 Transfer S&D

Specialty

Steam

Vacuum

Water
 Discharge
 Suction & Discharge
 Washdown
 Garden

Welding

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Redwing® Fuel Oil



Product Specifications

Application

Redwing® Fuel Oil is for the transfer and delivery of fuel oil and petroleum products for home delivery, commercial and industrial service. Redwing® Fuel Oil has two textile braids. The braided construction reduces kinking and twisting when reeling. The smooth cover has low drag resistance.

Construction

> Tube

Nitrile synthetic rubber (ORS), ARPM Class A (High Oil Resistance)

> Cover

Red Chemivic synthetic rubber (smooth finish) (ORS)

> Reinforcement

Two braided synthetic yarn

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Reels, cut lengths and coupled lengths

Branding

Example: Continental ContiTech 1" (25.4 mm) 2BD Redwing® Fuel Oil Made in USA

Couplings



Coupled assemblies available.

Order Codes

532-016

Redwing® Fuel Oil

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20021667	1	25.4	1.50	38.1	250	1.72	0.57	0.85
20021681	1¼	31.8	1.80	45.7	250	1.72	0.65	0.97
20021708	1¾	34.9	1.88	47.8	250	1.72	0.70	1.04
20021735	1½	38.1	2.10	53.3	150	1.03	0.92	1.37

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

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Appendix

Blue Low Temp Fuel Oil Delivery



Product Specifications

Application

The new and improved Low-Temperature Fuel Oil Delivery Hose is for transfer and delivery of fuel oil and petroleum products for home delivery, commercial and industrial service designed to remain flexible in cold temperatures and provide superior oil resistance. The braided construction reduces kinking and twisting when reeling. The smooth cover has low drag resistance.

Construction

> Tube

Nitrile (ORS)

> Cover

Blue Chemivic synthetic rubber (ORS) (smooth finish)

> Reinforcement

Two-braid textile with static wire

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Cut lengths

Branding

Example: Continental ContiTech 1 1/4" (31.8 mm) 2BD Low Temp Fuel Oil A/S Made in USA

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedures.

Order Codes

532-021

Blue Low Temp Fuel Oil Delivery

SAP #	ID/in.	ID/mm	Length	Stocked	psi	Weight	Product Code
20054898	1¼	31.75	100'	YES	250	0.65/ft.	53202104010000
20031895	1¼	31.75	125'	YES	250	0.65/ft.	53202104012500
20031896	1¼	31.75	150'	YES	250	0.65/ft.	53202104015000
20054428	1¼	31.75	175'	N/S	250	0.65/ft.	53202104017500
20031897	1⅜	34.92	125'	YES	250	0.70/ft.	53202104412500
20031898	1⅜	34.92	150'	YES	250	0.70/ft.	53202104415000
20145510	1⅜	34.92	175'	N/S	250	0.70/ft.	53202104417500
20750636	1½	38.10	100'	2500'	250	0.92/ft.	53202104810000
20046244	1½	38.10	125'	2500'	250	0.92/ft.	53202104812500
20031899	1½	38.10	150'	2500'	250	0.92/ft.	53202104815000
20750635	1½	38.10	175'	2500'	250	0.92/ft.	53202104817500

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Plicord® Fuel Discharge



Product Specifications

Application

Plicord® Fuel Discharge hose is for the discharge of gasoline, oil, ethanol blends and other petroleum-based products with up to 50% aromatic content in tank and industrial applications.

Construction

> Tube

Nitrile synthetic rubber, ARPM Class A (High Oil Resistance), plus antistatic wires

> Cover

Black Chemivic synthetic rubber, ARPM Class B (Medium-High Oil Resistance)

> Reinforcement

Spiral-plied synthetic fabric (2"-4": 2 ply; 6": 4 ply), plus grounding wires

Temperature Range

-35°F to 180°F (-37°C to 82°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Plicord® Fuel Discharge

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. See the Coupling Systems information pages at the back of this catalog. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-331

Plicord® Fuel Discharge

SAP #	ID		Nom. OD		Max. WP		Weight	
	Black	in.	mm	in.	mm	psi	MPa	lb./ft.
20032339	3/4	19.1	1.21	30.7	150	1.03	0.42	0.63
20032357	1	25.4	1.46	37.1	150	1.03	0.52	0.77
20050546	1¼	31.8	1.72	43.7	150	1.03	0.63	0.94
20017756	1½	38.1	1.95	49.5	150	1.03	0.73	1.09
20017758	2	50.8	2.49	63.3	150	1.03	0.98	1.46
20032358	2½	63.5	2.98	75.7	150	1.03	1.19	1.77
20017764	3	76.2	3.50	88.9	150	1.03	1.45	2.16
20050547	3½	88.9	4.04	102.6	150	1.03	1.70	2.53
20017767	4	101.6	4.52	114.8	150	1.03	1.91	2.84
20126041	6	152.4	6.63	168.4	150	1.03	3.41	5.07

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
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Plicord® Oilfield Frac



Product Specifications

Application

A rugged and flexible hose designed to convey crude oil and oil slurry mixtures for Frac tank connections. The Plicord® Oilfield Frac Hose has a yellow wear indicator over the fabric reinforcement for optimizing to maximum service life.

Construction

> Tube

Black nitrile

> Cover

Black Chemivic, smooth cover with wrapped finish; also available with ARC treatment for improved abrasion resistance

> Reinforcement

Multiple plies of synthetic fabric

Temperature Range

-25°F to 180°F (-32°C to 82°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Continental ContiTech Oilfield Fracturing Hose

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedures. 543-710 Plicord® Oilfield Frac Hose with ARC cover requires a welded stem/ferrule with fish scale serration.

Order Codes

543-827
543-710 (ARC treatment)

Plicord® Oilfield Frac

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20118130	3	76.2	3.87	98.30	400	2.76	2.52	3.74
20018362	4	101.6	4.76	120.85	400	2.76	2.85	4.21

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
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Pyroflex® Hot Tar Wand



Product Specifications

Application

Pyroflex® Hot Tar Wand is a high-quality wand hose used in asphalt crack filling applicator and dispensing service.

Construction

> Tube

Black nitrile (special heat resistance)

> Cover

Black Wingprene® (wrapped finish) flame-retardant

> Reinforcement

Two spiral-plied steel wire

Temperature Range

-25°F to 350°F (-32°C to 177°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Pyroflex® Hot Tar Wand Hose

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

543-632

Pyroflex® Hot Tar Wand

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20017982	3/4	19.1	1.33	33.8	300	2.07	0.64	0.95
20017987	1	25.4	1.61	40.9	300	2.07	0.84	1.25
20156594	1½	38.1	2.11	53.6	300	2.07	1.15	1.71

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Prospector™ Petro 150



Product Specifications

Application

A flexible and lightweight hose for use in tank truck and drilling operations to transfer diesel, ethanol, gasoline, oil and petroleum-based products. Smooth cover construction for lower drag coefficient and superior abrasion resistance. Up to 50% aromatic content.

Construction

> Tube

Black nitrile ARPM Class A (High Oil Resistance)

> Cover

Black smooth SBR (wrapped impression)

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-25°F to 180°F (-32°C to 82°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Continental ContiTech Prospector (Oil+Gas Logo) Petro 150 psi WP ##### Made in Canada (Red Spiral Stripe)

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. See the Coupling Systems information pages at the back of this catalog.

Order Codes

543-214

Prospector™ Petro 150

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
20476798	1	25.4	1.398	35.5	150	1.03	2.5	64	29	737	0.49	0.73
20476799	1¼	31.8	1.65	41.9	150	1.03	3	76	29	737	0.63	0.93
20476860	1½	38.1	1.94	49.3	150	1.03	4	102	29	737	0.81	1.21
20476861	2	50.8	2.44	62.0	150	1.03	5	127	29	737	1.04	1.55
20476862	2½	63.5	2.99	76.1	150	1.03	7.5	191	29	737	1.48	2.21
20476863	3	76.2	3.54	89.9	150	1.03	9	229	29	737	1.91	2.85
20476864	4	101.6	4.57	116.1	150	1.03	12	305	29	737	2.67	3.97
20476865	6	152.4	6.73	170.9	150	1.03	30	762	29	737	5.57	8.29

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Transfer S&D



Air & Multipurpose
 General Purpose
 Heavy Duty
 Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
 Liquid Transfer
 Washdown

Marine

Material Handling

Abrasives
 Bulk Transfer
 Cement & Concrete

Mining

Petroleum

Aircraft Fueling
 Dispensing
 Dock
 Rig Supply
 Transfer Discharge
 Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
 Suction & Discharge
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	Page	Temp. Range	Refined Fuels	Corrugated Cover	Lightweight
Arctic ExtremeFlex	242	-65°F to 180°F (-54°C to 82°C)	Yes	Yes	Yes
Flexwing VersaFuel	244	-30°F to 180°F (-35°C to 82°C)	Yes		
Infinity Fuel Drop Hose	248	-40°F to 160°F (-40°C to 71°C)	Yes	Yes	Yes
Infinity HD Fuel Drop Hose	247	-40°F to 160°F (-40°C to 71°C)	Yes	Yes	Yes
LW Arctic Tank Truck	243	-65°F to 180°F (-54°C to 82°C)		Yes	Yes
Paladin	249	-40°F to 160°F (-40°C to 71°C)	Yes	Yes	Yes
Plicord Arctic Flexwing	241	-65°F to 180°F (-54°C to 82°C)	Yes		
Plicord ExtremeFlex	234	-40°F to 200°F (-40°C to 93°C)	Yes	Yes	Yes
Plicord Flexwing Petroleum	233	-35°F to 200°F (-37°C to 93°C)	Yes		
Plicord LW Black Flextra II	239	-40°F to 180°F (-40°C to 82°C)	Yes	Yes	Yes
Plicord Super Black Flexwing	238	-35°F to 200°F (-37°C to 93°C)	Yes		
Prospector Flex Oilfield	237	-25°F to 180°F (-36°C to 82°C)		Yes	
Prospector Oilfield 150	236	-25°F to 180°F (-32°C to 82°C)			
Prospector Oilfield 300	235	-35°F to 180°F (-37°C to 82°C)			
Pyroflex Hot Tar & Asphalt II	246	-25°F to 350°F (-32°C to 177°C)			
Red Flextra 100 & 150	240	-30°F to 180°F (-34°C to 82°C)			
Spiraflex Polyurethane Vapor Recovery	250	-30°F to 150°F (-35°C to 66°C)		Yes	Yes
VersaFuel Flex	245	-30°F to 180°F (-34°C to 82°C)	Yes	Yes	Yes

Plicord® Flexwing® Petroleum



Product Specifications

Application

Plicord® Flexwing® Petroleum is for use in tank truck and in-plant operations to transfer gasoline, oil, ethanol blends and other petroleum base products up to 50% aromatic content. It is designed for pressure, gravity flow or full-suction service. Newly redesigned for improved flexibility and a lighter weight construction for sizes up to and including 2½".

Construction

> Tube

Nitrile synthetic rubber ARPM Class A (High Oil Resistance)

> Cover

Black synthetic rubber (oil resistant); smooth cover; wrapped impression

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding

Continental ContiTech Flexwing® Petroleum Hose 150 psi WP
CAUTION: ... ### Made in Canada (Red spiral stripe)

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. See the Coupling Systems information pages at the back of this catalog. Refer to ContiTech INH Assembly Manual for crimp specs and coupling procedure.

Order Codes

543-109 (black)

543-110 (red)

Plicord® Flexwing® Petroleum

SAP #		ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
Black	Red	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20138742		1/2	12.7	0.97	24.6	150	1.03	1.5	38	29	737	0.35	0.52
20050548		3/4	19.1	1.22	30.9	150	1.03	2.0	51	29	737	0.46	0.69
20017481	20392618	1	25.4	1.47	37.2	150	1.03	2.5	64	29	737	0.58	0.86
20017482		1¼	31.8	1.72	43.7	150	1.03	3.0	76	29	737	0.73	1.08
20017488	20017532	1½	38.1	1.97	50.1	150	1.03	4.0	102	29	737	0.86	1.28
20050549		1¾	45.1	2.25	57.1	150	1.03	4.5	114	29	737	1.00	1.49
20017496	20017537	2	50.8	2.47	62.8	150	1.03	5.0	127	29	737	1.11	1.65
20017502	20017541	2½	63.5	3.03	76.8	150	1.03	6.0	152	29	737	1.56	2.32
20017508	20017543	3	76.2	3.57	90.7	150	1.03	8.0	203	29	737	2.00	2.97
20017513		3½	89.9	4.13	104.8	150	1.03	10.0	254	29	737	2.42	3.59
20017516	20017546	4	101.6	4.59	116.5	150	1.03	12.0	305	29	737	2.71	4.03
20070720		5	127.0	5.74	145.9	150	1.03	20.0	508	29	737	4.53	6.74
20017526		6	152.4	6.76	171.7	150	1.03	24.0	610	29	737	5.72	8.51

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

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Suction & Discharge
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Garden

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Plicord® ExtremeFlex™ Petroleum Transfer



Product Specifications

Application

This hose is an extremely flexible and lightweight drop hose for use in tank truck and in-plant operation to transfer diesel, ethanol, gasoline, oil and petroleum-based products with up to 50% aromatic content. It has a corrugated construction for lower drag coefficient and superior abrasion resistance.

Construction

> Tube

Black nitrile synthetic rubber, ARPM Class A (High Oil Resistance)

> Cover

Black Chemivac synthetic (corrugated)

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-40°F to 200°F (-40°C to 93°C)

Packaging

100' lengths, coiled and bagel-packed

Branding (Spiral)

Example: Plicord® ExtremeFlex™ Petroleum Transfer

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-216

Plicord® ExtremeFlex™ Petroleum Transfer

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
20459042	3/4	19.1	1.20	30.5	250	1.72	.75	19	29	737	0.44	0.65
20459043	1	25.4	1.45	36.8	250	1.72	1	25	29	737	0.55	0.81
20459044	1½	38.1	1.91	48.5	250	1.72	1.5	38	29	737	0.73	1.08
20459045	2	50.8	2.43	61.8	250	1.72	2	51	29	737	0.96	1.43
20459046	2½	63.5	3.00	76.1	200	1.37	2.5	64	29	737	1.41	2.10
20459047	3	76.2	3.50	88.8	200	1.37	3	76	29	737	1.69	2.51
20459048	4	101.6	4.56	115.7	150	1.03	4	101	29	737	2.42	3.61
20546328	6	152.4	6.62	168.4	150	1.03	6	152	29	737	4.43	2.01

Hose design ratio (burst pressure) 4:1.



Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge

Suction & Discharge

Washdown

Garden

Welding

Coupling Systems

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Prospector™ Oilfield 300



Product Specifications

Application

Prospector™ Oilfield 300 is for use in the transfer hose service to clean 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 the aromatic content exceeds 35%.

Construction

> Tube

Nitrile

> Cover

Black SBR

> Reinforcement

Spiral-plied fabric with wire helix

Temperature Range

-35°F to 180°F (-37°C to 82°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Prospector™ Oilfield 300

Couplings

Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Stock Length

100'

Order Codes

543-098

Rating

300 psi and full vacuum

Prospector™ Oilfield 300

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20464301	2	51.1	2.5	64.3	300	2.07	4.5	114	29	737	1.21	0.17
20464302	3	76.1	3.0	90.8	300	2.07	7.0	178	29	737	1.97	0.27
20464303	4	102.1	4.7	119.7	300	2.07	10.0	254	29	737	3.16	0.44
20531361	5	127.4	5.9	150.3	300	2.07	20	508	29	737	5.34	0.74
20464305	6	152.4	6.9	175.4	300	2.07	24	610	29	737	6.66	0.91

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Prospector™ Oilfield 150



Product Specifications

Application

Prospector™ Oilfield 150 is for use in the transfer hose service to clean 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 the aromatic content exceeds 35%.

Construction

> Tube

Synthetic rubber

> Cover

Black SBR synthetic rubber (smooth cover)

> Reinforcement

Spiral-plied synthetic fabric with wire helix

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Prospector™ Oilfield 150

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. See the Coupling Systems information pages at the back of this catalog. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-655

Temperature Range

-25°F to 180°F (-32°C to 82°C)

Prospector™ Oilfield 150

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20018018	1	25.4	1.49	37.8	150	1.03	4.0	102	29	737	0.64	0.95
20018020	1¼	31.75	1.74	44.2	150	1.03	4.0	102	29	737	0.77	1.14
20018023	1½	38.1	1.99	50.6	150	1.03	4.0	102	29	737	0.91	1.36
20018028	2	50.8	2.49	63.2	150	1.03	4.5	114	29	737	1.71	1.74
20018031	2½	63.5	3.01	76.4	150	1.03	5.75	146	29	737	1.48	2.20
20018034	3	76.2	3.54	89.9	150	1.03	7.0	178	29	737	1.91	2.84
20018037	4	101.6	4.59	116.5	150	1.03	10.0	254	29	737	2.82	4.19
20018042	6	152.4	6.76	171.7	150	1.03	19.0	483	29	737	5.75	8.56

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Prospector™ Flex Oilfield



Product Specifications

Application

Prospector™ Flex Oilfield is for use in the tank truck service industry including oilfield applications, handling crude oil, drilling mud and diesel fuels. It can be used for in-plant transfer of diluted industrial chemical 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 where the aromatic content exceeds 35%.

Construction

> Tube

Black nitrile/SBR tube

> Cover

Black SBR synthetic rubber, corrugated

> Reinforcement

Synthetic fabric plies with wire helix

Temperature Range

-25°F to 180°F (-36°C to 82°C)

Packaging

Coiled and poly-wrapped

Branding (Spiral)

Continental ContiTech Prospector™ Flex Oilfield 150 psi

Couplings

Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-456

Prospector™ Flex Oilfield

SAP #	ID		OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20493494	1	25.4	1.40	35.6	150	1.03	2.0	51	29	737	0.52	0.77
20493495	1¼	31.8	1.65	41.9	150	1.03	2.5	64	29	737	0.63	0.94
20561721	1½	38.1	1.94	49.2	150	1.03	3.0	76	29	737	0.78	1.16
20345623	2	50.8	2.44	61.9	150	1.03	4.0	102	29	737	1.01	1.50
20493496	2½	63.5	2.99	76.0	150	1.03	5.0	127	29	737	1.44	2.14
20345624	3	76.2	3.52	89.4	150	1.03	6.0	152	29	737	1.85	2.75
20345790	4	101.6	4.52	114.9	150	1.03	9.0	229	29	737	2.56	3.81
20355930	6	152.4	6.59	167.4	150	1.03	15.0	381	29	737	4.39	6.53

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Plicord® Super Black Flexwing®



Product Specifications

Application

Plicord® Super Black Flexwing® is a premium high-pressure petroleum transfer hose for handling ethanol blends, gasoline, oils and other petroleum products with up to 50% aromatic content. It has a maximum working pressure of 300 psi.

Construction

> Tube

Special fuel-resistant black nitrile synthetic rubber (ARPM Class A) (High Oil Resistance)

> Cover

Black polychloroprene synthetic rubber, ARPM Class A (High Oil Resistance), wrapped finish

> Reinforcement

Spiral-plied synthetic fabric with wire helix

Packaging

100' lengths, coiled and poly-wrapped

Branding

Example: Continental ContiTech Flexwing® Petroleum Hose

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. See the Coupling Systems information pages at the back of this catalog. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

541-117 (6" diameter, 100' length)
543-117

Temperature Range

-35°F to 200°F (-37°C to 93°C)

Plicord® Super Black Flexwing®

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
Black	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20472912	¾	19.1	1.28	32.5	300	2.07	2	51	29	737	0.57	0.85
20472913	1	25.4	1.53	38.9	300	2.07	3	75	29	737	0.70	1.04
20155914	1¼	31.8	1.87	47.1	300	2.07	4	100	29	737	0.99	1.48
20017550	1½	38.1	2.08	52.8	300	2.07	4	100	29	737	1.15	1.71
20017552	2	50.8	2.59	65.8	300	2.07	5	125	29	737	1.44	2.14
20017558	2½	63.5	3.11	79.0	300	2.07	6	150	29	737	1.84	2.74
20017560	3	76.2	3.65	92.7	300	2.07	7	175	29	737	2.39	3.56
20017564	4	101.6	4.83	122.7	300	2.07	10	254	29	737	3.76	5.60
20017568	5	127.0	5.87	149.0	300	2.07	20	500	29	737	5.10	7.60
20338990	6	152.4	7.21	183.3	300	2.07	24	600	29	737	8.46	12.60

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Plicord® LW Black Flextra II™



Product Specifications

Application

This hose is used by tank trucks, bulk petroleum stations and others to transfer ethanol blends and petroleum products under pressure, suction and/or gravity flow. It is extremely flexible and lightweight to provide excellent service. It is not recommended where aromatic content exceeds 50%.

Construction

> Tube

Black nitrile (ARPM Class A) (High Oil Resistance)

> Cover

Black Chemivic (corrugated)

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-40°F to 180°F (-40°C to 82°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech LW Black Flextra II™ 75 psi Max WP

Couplings

Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-562

Plicord® LW Black Flextra II™

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20017959	2	50.8	2.42	61.5	75	0.52	3	76	29	737	0.94	1.40
20017961	2½	63.5	2.92	74.2	75	0.52	4	102	29	737	1.22	1.82
20017962	3	76.2	3.40	86.4	75	0.52	4	102	29	737	1.39	2.07
20017965	4	101.6	4.53	115.1	75	0.52	7	178	29	737	2.37	3.53

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Red Flextra®



Product Specifications

Application

Red Flextra® is for the transfer of ethanol blends, gasoline and other petroleum-based products under pressure, gravity flow or full-suction where maximum flexibility is needed.

Construction

> Tube

Nitrile synthetic rubber, ARPM Class A (High Oil Resistance)

> Cover

Red Wingprene®, corrugated synthetic rubber, ARPM Class C (Low Oil Resistance)

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Red Flextra® Made in Canada

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. See the Coupling Systems information pages at the back of this catalog. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-120 (150)

543-123 (100)

Temperature Range

-30°F to 180°F (-34°C to 82°C)

Red Flextra® 100

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
Red	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20017589	2	50.8	2.38	60.3	100	0.69	4	102	29	737	0.83	1.09
20017593	2½	63.5	2.88	73.2	100	0.69	5	127	29	737	1.09	1.62
20017598	3	76.2	3.41	86.6	100	0.69	6	152	29	737	1.41	2.10
20017600	4	101.6	4.53	115.1	100	0.69	9	229	29	737	2.23	3.32

Hose design ratio (burst pressure) 4:1.

Red Flextra® 150

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
Red	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20017582	2	50.8	2.52	64.0	150	1.03	4	102	29	737	1.18	1.76
20017583	3	76.2	3.59	91.2	150	1.03	6	152	29	737	1.99	2.96
20017584	4	101.6	4.61	117.1	150	1.03	9	229	29	737	2.66	3.96

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose

- General Purpose
- Heavy Duty
- Push-on

Chemical Transfer

Cleaning Equipment

Food

- Dry Transfer
- Liquid Transfer
- Washdown

Marine

Material Handling

- Abrasives
- Bulk Transfer
- Cement & Concrete

Mining

Petroleum

- Aircraft Fueling
- Dispensing
- Dock
- Rig Supply
- Transfer Discharge
- Transfer S&D

Specialty

Steam

Vacuum

Water

- Discharge
- Suction & Discharge
- Washdown
- Garden

Welding

Coupling Systems

Equipment

Appendix

Plicord® Arctic Flexwing®



Product Specifications

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, ARPM Class A (High Oil Resistance)

> Cover

Blue ultra-low-temperature synthetic rubber, ARPM Class A (High Oil Resistance) with red spiral stripe. Smooth cover, wrapped finish.

> Reinforcement

Spiral-plied synthetic fabric with wire helix

Temperature Range

-65°F to 180°F (-54°C to 82°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Arctic Flexwing® 150 psi WP

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. See the Coupling Systems information pages at the back of this catalog. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-650

Plicord® Arctic Flexwing®

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20017996	1¼	31.8	1.73	43.9	150	1.03	3	80	29	737	0.66	0.98
20017997	1½	38.1	1.98	50.3	150	1.03	4	102	29	737	0.82	1.22
20018001	2	50.8	2.50	63.5	150	1.03	5	127	29	737	1.07	1.59
20018002	2½	63.5	3.09	78.5	150	1.03	6	152	29	737	1.64	2.44
20018004	3	76.2	3.58	90.9	150	1.03	7	178	29	737	1.92	2.86
20018005	4	101.6	4.70	119.4	150	1.03	10	254	29	737	2.88	4.29

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Arctic ExtremeFlex™

A New Degree of Flexibility



Product Specifications

Application

Arctic ExtremeFlex™ is an extremely flexible and lightweight drop hose for transfer of petroleum-based products under suction, low-pressure discharge or gravity flow. It can maintain flexibility down to -65°F (-54°C).

Construction

> Tube

Black nitrile, ARPM Class A (High Oil Resistance)

> Cover

Corrugated black Wingprene® synthetic rubber (wrapped impression), blue spiral stripe

Corrugated blue Wingprene® synthetic rubber (wrapped impression), red spiral stripe

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-65°F to 180°F (-54°C to 82°C)

Packaging

Coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Plicord® Arctic ExtremeFlex™ Petroleum Transfer 150 psi WP

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Non-Stock/Sizes

400' minimum order

Order Codes

543-451 (blue)

543-807 (black)

Arctic ExtremeFlex™

SAP #		ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
Black	Blue	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20476228	20484433	2	51	2.50	63.5	150	1.03	2	51	29	737	1.08	1.61
20476229	20484435	3	76	3.48	88.5	150	1.03	3	76	29	737	1.62	2.41
20476250	20484436	4	102	4.55	115.7	150	1.03	4	102	29	737	2.35	3.50

Hose design ratio (burst pressure) 4:1.



Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

LW Arctic Tank Truck



Product Specifications

Application

LW Arctic Tank Truck is for the transfer of petroleum-based products under suction, low-pressure discharge or gravity flow. It can maintain flexibility down to -65°F (-54°C).

Construction

> Tube

Black nitrile, ARPM Class A (High Oil Resistance)

> Cover

Blue Wingprene® (corrugated)

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-65°F to 180°F (-54°C to 82°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech LW Arctic Tank Truck 150 psi / 10 bar

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

543-365

LW Arctic Tank Truck

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20017813	2	50.8	2.53	64.3	200	1.38	4	100	29	737	1.11	1.64
20117198	2½	63.5	3.02	76.7	150	1.03	5	125	29	737	1.42	2.11
20017814	3	76.2	3.55	90.2	150	1.03	6	150	29	737	1.83	2.72
20017815	4	101.6	4.61	117.1	150	1.03	9	225	29	737	2.62	3.90

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Flexwing® VersaFuel™



Product Specifications

Application

Flexwing® VersaFuel™ is for use in tank truck and in-plant operations to transfer diesel, biodiesel blends, B-100, ethanol blends, gasoline, oil and petroleum-based products with up to 60% aromatic content.

Construction

> Tube

Synthetic rubber (static dissipating)

> Cover

Black synthetic rubber with excellent resistance to biodiesel, ethanol, oil/petroleum products and abrasion

> Reinforcement

Spiral-plied synthetic fabric with helix wire

Temperature Range

-30°F to 180°F (-34°C to 82°C)

Packaging

100' lengths, coiled and poly-wrapped.

Branding (Spiral)

Example: Continental ContiTech Flexwing® VersaFuel™ 150 psi WP

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Non-Stock/Sizes

400' minimum order

Order Codes

543-422

Flexwing® VersaFuel™

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
		in.	mm	in.	mm	in.	mm	in.	mm	lb./ft.	kg/m	
20339606	1	25.4	1.50	38.1	150	1.03	2	50	29	737	0.59	0.88
20339625	1¼	32.0	1.77	44.8	150	1.03	3	75	29	737	0.74	1.10
20339626	1½	38.0	2.03	51.7	150	1.03	4	100	29	737	0.92	1.37
20339628	2	51.2	2.55	64.9	150	1.03	5	125	29	737	1.21	1.80
20339627	2½	63.7	3.07	77.9	150	1.03	6	150	29	737	1.56	2.32
20339629	3	76.1	3.58	91.0	150	1.03	7	175	29	737	1.94	2.89
20339650	4	102.1	4.60	117.0	150	1.03	10	200	29	737	2.53	3.77

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose

- General Purpose
- Heavy Duty
- Push-on

Chemical Transfer

Cleaning Equipment

Food

- Dry Transfer
- Liquid Transfer
- Washdown

Marine

Material Handling

- Abrasives
- Bulk Transfer
- Cement & Concrete

Mining

Petroleum

- Aircraft Fueling
- Dispensing
- Dock
- Rig Supply
- Transfer Discharge
- Transfer S&D

Specialty

Steam

Vacuum

Water

- Discharge
- Suction & Discharge
- Washdown
- Garden

Welding

Coupling Systems

Equipment

Appendix

VersaFuel™ Flex



Product Specifications

Application

VersaFuel™ Flex is a flexible and lightweight hose designed to convey a multitude of new fuels. Used by tank trucks and bulk petroleum stations to transfer diesel, gasoline, biodiesel blends up to B100, ethanol blends up to E100 and petroleum-based products with up to 60% aromatic content. Full suction rating.

Construction

> Tube

EPDM synthetic rubber, peroxide cured, no zinc

> Cover

Black Chemivic synthetic rubber, corrugated

> Reinforcement

Spiral-plied synthetic fabric with helix wire

Temperature Range

-30°F to 180°F (-34°C to 82°C)

Packaging

Coiled and poly-wrapped.

Branding (Spiral)

Continental ContiTech VersaFuel™ Flex

Couplings

Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-636

VersaFuel™ Flex

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
20459628	1	25.4	1.43	36.4	150	1.03	1	25.4	29	737	0.55	0.82
20459629	1½	38.1	1.94	49.4	150	1.03	1½	38.1	29	737	0.73	1.09
20459650	2	50.8	2.45	62.3	150	1.03	2	50.8	29	737	0.96	1.43
20459651	2½	63.5	3.00	76.3	150	1.03	2½	63.5	29	737	1.41	2.10
20459652	3	76.2	3.52	89.3	150	1.03	3	76.2	29	737	1.69	2.51
20459655	4	101.6	4.58	116.4	150	1.03	4	101.6	29	737	2.42	3.60

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Pyroflex® Hot Tar & Asphalt II



Product Specifications

Application

This hose is 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. It has a heat-resistant tube and aramid reinforcement (hot oils only rated to 200°F/93°C).

Construction

> Tube

Black nitrile (special heat-resistant) synthetic rubber, ARPM Class A (High Oil Resistance)

> Cover

Black Wingprene® synthetic rubber, ARPM Class A (High Oil Resistance) with spiral red stripe

> Reinforcement

Spiral-plyed aramid with wire helix

Temperature Range

-25°F to 350°F (-32°C to 177°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Pyroflex® Hot Tar & Asphalt II 150 psi

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

543-118

Pyroflex® Hot Tar & Asphalt II

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20017573	1½	38.1	2.08	52.8	150	1.03	4	102	29	737	1.04	1.55
20017574	2	50.8	2.60	66.0	150	1.03	5	127	29	737	1.33	1.98
20046059	2½	63.5	3.09	78.6	150	1.03	6	152	29	737	1.67	2.49
20017578	3	76.2	3.65	92.8	150	1.03	7	178	29	737	2.23	3.32
20017580	4	101.6	4.68	118.8	150	1.03	10	254	29	737	2.91	4.34

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
Garden

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Infinity™ HD Fuel Drop Hose



Product Specifications

Application

This hose is constructed with the exclusive PVC double helix for superior flexibility, abrasion resistance and a low coefficient of friction for ease of maneuverability. Lightweight in construction, Infinity™ HD (Heavy Duty) is designed for higher working pressure applications (150 psi). It is suitable in gravity flow or medium suction at an ambient temperature. It is designed to transfer biodiesel and ethanol blends, gasoline and other petroleum products with an aromatic content of 60% or less.

Construction

> Tube

Black nitrile synthetic rubber (static dissipating)

> Cover

Synthetic fabric plies

> Reinforcement

Black Chemivic synthetic rubber with double orange Pliovic® outer helix

Temperature Range

-40°F to 160°F (-40°C to 71°C)

Packaging

Coiled and poly-wrapped. For cut length, check with your ContiTech authorized distributor.

Branding

Infinity™ HD Drop Hose 150 psi Continental ContiTech

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. See the Coupling Systems information pages at the back of this catalog.

Order Codes

543-138

Infinity™ HD Fuel Drop Hose

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20439969	2	51.0	2.80	70.50	150	1.03	1.5	38.1	23	584	1.01	1.51
20439980	3	76.0	3.80	95.90	150	1.03	2.0	50.8	23	584	1.48	2.21
20439981	4	102.0	4.80	122.5	150	1.03	3.0	76.2	23	584	2.01	2.99

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Infinity™ Fuel Drop Hose



Product Specifications

Application

The Infinity™ Fuel Drop Hose is constructed with the exclusive PVC double helix for superior flexibility, abrasion resistance and a low coefficient of friction for ease of maneuverability. Lightweight in construction, it is designed to transfer biodiesel and ethanol blends, gasoline and other petroleum products under pressure, gravity flow or medium suction (up to 23" Hg) at an ambient temperature and with an aromatic content of 60% or less.

Construction

> Tube

Black nitrile synthetic rubber (static dissipating)

> Cover

Black Chemivac synthetic rubber with orange & green Pliovic® outer helix

> Reinforcement

Synthetic fabric plies with static wire

Temperature Range

-40°F to 160°F (-40°C to 71°C)

Packaging

Coiled and poly-wrapped. For cut length, check with your ContiTech distributors.

Branding

Example: Infinity™ Drop Hose Continental ContiTech

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-773

Infinity™

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
20414700	2	51.0	2.80	70.50	150	1.03	1.5	1.02	23	584	1.02	1.52
20414701	3	76.0	3.80	95.48	100	0.69	2.0	1.46	23	584	1.46	2.18
20414702	4	102.0	4.80	121.5	75	0.52	2.5	1.73	23	584	1.73	2.57

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Paladin®



Product Specifications

Application

Paladin® is designed as a lightweight and flexible hose to transfer biodiesel and ethanol blends, gasoline and other petroleum products under pressure, gravity flow or medium suction (up to 23" Hg) at ambient temperature. Maximum aromatic content should not exceed 60%. Its outer PVC helix provides abrasion resistance and a 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 Range

-40°F to 160°F (-40°C to 71°C)

Packaging

100' lengths, coiled and bagel-packed

Branding

Example: Continental ContiTech Paladin® Drop Hose (Date Code) Made in Canada

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with this product. See the Coupling Systems information pages at the back of this catalog. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

543-227

Paladin®

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20130856	2	50.8	2.87	72.9	150	1.03	2	51	23	584	1.04	1.55
20130857	3	76.2	3.92	99.6	150	1.03	3	76	23	584	1.58	2.35
20131000	4	101.6	4.85	123.2	75	0.52	5	127	23	584	1.94	2.89

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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Spiraflex® Polyurethane Vapor Recovery



Product Specifications

Application

This hose is for the recovery of gasoline vapors in tank truck loading at bulk terminals and in tank truck unloading at service stations.

Packaging

100' lengths, coiled and poly-wrapped

Branding

Not branded

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

586-465 (without static wire)
586-468 (static wire)

Construction

> Tube

Transparent polyurethane

> Cover

Transparent polyurethane

> Reinforcement

Red rigid Pliovic® helix, available with static wire placed between the tube and cover

Temperature Range

-30°F to 150°F (-34°C to 66°C)

Spiraflex® Polyurethane Vapor Recovery

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Weight		Vacuum HG			
W/out Static Wire	Static Wire	in.	mm	in.	mm	psi	MPa	in.	mm	lb./ft.	kg/m	in.	mm
20562108	20013586	2	50.8	2.47	62.7	30	0.21	3	76	0.57	0.85	29.0	737
20013561	20013587	3	76.2	3.41	86.6	20	0.14	4	102	0.68	1.01	29.0	737
20013562	20013588	4	101.6	4.51	114.6	15	0.10	7	178	0.98	1.46		

Hose design ratio (burst pressure) 3:1.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum

Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
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Alternative Fuel Compatibility For Tubes and Covers Of ContiTech Fuel Transfer Hoses

Compatibility by Product

All ContiTech Fuel Transfer Hoses are compatible with gasoline and diesel

Hose Tube & Cover Compatibility Ethanol & Biodiesel

Product	Product Code	Aromatic Content	E-100 100% Ethanol	E-85 85% Ethanol	E-15 15% Ethanol	B-100 100% Biodiesel	B-50 50% Biodiesel	B-20 20% Biodiesel
Flexwing VersaFuel	543-422	60%	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover
Flexwing VersaFuel Flex	543-636	60%	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover
Infinity	543-773	60%	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover
Infinity HD	543-138	60%	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover
LW Arctic Tank Truck	543-365	50%	Tube & Cover	Tube & Cover	No	No	No	No
Paladin	543-227	60%	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover	Tube & Cover
Plicord Arctic Flexwing	543-650	50%	Tube & Cover	Tube & Cover	No	No	No	No
Plicord ExtremeFlex	543-216	50%	Tube & Cover	Tube & Cover	Tube & Cover	No	No	No
Plicord Flexwing Petroleum	543-109	50%	Tube & Cover	Tube & Cover	Tube & Cover	No	No	No
Plicord Fuel Discharge	543-331	50%	Tube & Cover	Tube & Cover	Tube & Cover	No	No	No
Plicord LW Black Flextra II	543-562	50%	Tube & Cover	Tube & Cover	Tube & Cover	No	No	No
Plicord Super Black Flexwing	543-117	50%	Tube & Cover	Tube & Cover	Tube & Cover	No	No	No
Red Flextra 100	543-123	60%	Tube & Cover	Tube & Cover	Tube & Cover	No	No	No
Red Flextra 150	543-120	50%	Tube & Cover	Tube & Cover	Tube & Cover	No	No	No

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food
Dry Transfer
Liquid Transfer
Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Rig Supply
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge
Washdown
Garden

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