Dispensing



	Page	CUL and/or UL Approved	Gasoline	Diesel	Biodiesel*	Ethanol**	Wire Reinforcement	Textile Reinforcement
Aggie Gas	172		Yes	Yes				Yes
BC Cold Flex	173	Yes	Yes	Yes	Yes			Yes
BC Gasoline	174	Yes	Yes	Yes	Yes			Yes
BC Marina	175	Yes	Yes	Yes	Yes			Yes
DEF Dispensing Hose	177							Yes
Flexsteel Futura Ethan-ALL	180	Yes				Yes	Yes	Yes
Flexsteel Futura	165		Yes	Yes	Yes		Yes	
Flexsteel Futura Low Perm	167		Yes	Yes	Yes		Yes	
Flexsteel Futura HVR	168		Yes	Yes	Yes		Yes	
Flexsteel Futura Vapor Assist	166	Yes	Yes				Yes	
Maxxim Premier	169	Yes	Yes				Yes	
Maxxim Premier Plus	170	Yes	Yes				Yes	
Pacer	171	Yes	Yes	Yes	Yes			Yes

^{*}Biodiesel blends up to B20

General Purpose Heavy Duty Push-on Chemical Transfer Cleaning Equipment Food Transfer Washdown Marine Material Handling Abrasives **Bulk Transfer** Cement & Concrete Mining Petroleum Aircraft Fueling Dispensing Dock Transfer Spray Steam Vacuum LPG Delivery Water Discharge Suction & Discharge Washdown Welding **Coupling Systems** Equipment Appendix

Air & Multipurpose

^{**}Ethanol up to E85

Flexsteel® Futura™



Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Marine

Material Handling
Abrasives
Bulk Transfer
Cement & Concrete

Mining

Petroleum
Aircraft Fueling
Dispensing
Dock
Transfer

Spray

Steam

Vacuum

LPG Delivery

Water
Discharge
Suction & Discharge
Washdown

Welding

Coupling Systems

Equipment

Appendix

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Product Specifications

Application

Flexsteel® Futura™ with new Futurin™ cover resists cracking and fading, designed to dispense a wide range of fuels with extreme durability. The wire braid construction provides excellent kink resistance, low computer creep, and long service life. 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" - Reels or coupled lengths, 10 pieces per box 1" - Reels or coupled lengths, 5 pieces per box

Branding

Example: Continental ContiTech 559N, Made in U.S.A. 3/4" (19mm) UL, CUL. Listed Flexsteel® Futura™

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

532-327

Flexsteel® Futura™

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



Flexsteel® Futura™ Vapor Assist





Product Specifications

Application

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 long service life. Flexsteel® Futura™ Vapor Assist is UL 330 approved.

Construction Tube

Nitrile synthetic rubber (ORS)

Futurin[™] synthetic rubber (ORS)

Reinforcement

Braided (1) steel wire

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Coupled lengths only, 6 pieces per box

Branding

Example: 3/4" Continental ContiTech Made in U.S.A, UL Listed Flexsteel® Futura™ Vapor Assist Example: 7/8" Continental ContiTech Made in U.S.A. UL Listed Flexsteel® Futura™ Vapor Assist

Couplings

Available only as factory coupled assembly.

Order Codes

532-362

Flexsteel® Futura™ Vapor Assist

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

Air & Multipurpose **General Purpose Heavy Duty**

Push-on

Chemical Transfer

Cleaning Equipment

Food

Transfer Washdown

Marine

Material Handling

Abrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam Vacuum

LPG Delivery

Water

Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment



New Flexsteel[®] Futura[™] Low Perm



Air & Multipurpose **General Purpose Heavy Duty** Push-on

Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Marine

Material Handling Abrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

LPG Delivery

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment

Appendix

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

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 for conventional and vapor recovery
- Meets stringent permeation requirements of less than 10 grams/m²/day

The Flexsteel® Futura™ Low Perm dispensing hose is the only low permeation gasoline hose available with the following specifications:

Product Code

532-338-024

Dimensions

Size.	ID in.	OD in.	Working Pressure
3/4	0.720-0.780"	1.115-1.165"	50 psi

Tube

Nitrile synthetic rubber with Fluorothermoplastice barrier layer

Braid

Single wire braid

Cover

Futurin™ synthetic rubber

Permeation

Meets UL330 permeation limit of 10 grams/m²/day

Branding

Listed to UL330.

3/4" Straight and Swivels available with NPT threads.

Flexsteel® Futura™ HVR





Product Specifications

Application

> Premium 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

Construction Tube

Nitrile synthetic rubber (ORS)

Futurin™ synthetic rubber (ORS)

Reinforcement

Braided (1) steel wire

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Coupled lengths only, 6 pieces per box

Branding

Example: 3/4" Continental ContiTech Made in U.S.A., UL Listed Flexsteel® Futura™ HVR Continental ContiTech Made in U.S.A.,

Couplings

Available only as factory coupled assembly.

Non-Stock/Sizes

For special production run minimum requirements, contact customer service

Order Codes

532-330

Flexsteel® Futura™ HVR

ID		Nom. OD		Weight	
in.	mm	in.	mm	lb./ft.	kg/m
3/4	19.1	1.13	28.7	0.45	0.67

Air & Multipurpose **General Purpose Heavy Duty**

Push-on

Chemical Transfer

Cleaning Equipment

Food

Transfer Washdown

Marine

Material Handling

Abrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock

Spray

Transfer

Steam

Vacuum

LPG Delivery

Water

Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment



Maxxim[™] Premier



Air & Multipurpose **General Purpose Heavy Duty** Push-on

Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Marine

Material Handling Abrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

LPG Delivery

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment

Appendix

Product Specifications

Application

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 long service life. The wire braid construction for the fuel hose provides excellent kink resistance and low computer creep. Maxxim™ Premier hose is C.A.R.B. and UL 330 approved.

Construction Tube

Nitrile synthetic rubber (ORS)

Cover

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

Reinforcement

Braided (1) 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 only as factory coupled assembly.

Order Codes

532-365-440

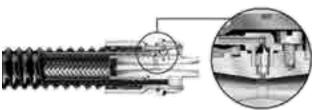
Maxxim™ Premier

ID		ID-Inner Hose No		Nom. OD-Inner Hose		Weight-Inner Hose	
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
11/4	31.75	5/8	15.9	0.85	21.6	0.22	0.33



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. C.A.R.B., EVR and UL 330 approved.

Construction Tube

Nitrile synthetic rubber (ORS)

Chemivic™ synthetic rubber (ORS), thermoplastic outer with textile reinforcement and wire helix.

Reinforcement

Braided (1) 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 only as factory coupled assembly.

Order Codes

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

Maxxim™ Premier Plus

ID	D ID-Inner Hose		Nom. OD-Inn	er Hose	Weight-Inner Hose		
in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
11⁄4	31.75	5/8	15.9	0.85	21.6	0.22	0.33

Air & Multipurpose **General Purpose Heavy Duty**

Chemical Transfer

Push-on

Cleaning Equipment

Food

Transfer Washdown

Marine

Material Handling

Abrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock

Spray

Transfer

Steam

Vacuum

LPG Delivery

Water

Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment

Pacer™



Air & Multipurpose **General Purpose Heavy Duty** Push-on

Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Marine

Material Handling Abrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam Vacuum LPG Delivery

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment

Appendix

Product Specifications

Application

For all types of gasoline dispensing applications where flexibility and a lightweight hose is desired. Pacer™ is designed with a spiral textile reinforcement. UL 330 and CUL approved.

Construction Tube

Nitrile synthetic rubber (ORS)

Chemivic™ synthetic rubber (ORS)

Reinforcement

Spiral synthetic yarn with static wire

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Approximately the beautiful to the second

Reels or coupled lengths

Branding

Example: 3/4" Pacer™ Continental ContiTech

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

Available in bulk and coupled assemblies.

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



Aggie Gas[™]



Product Specifications

Application

A multi-use type hose for dispensing gasoline, grease, kerosene, and petroleum oils 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)

Black or red Chemivic™ synthetic rubber (ORS)

Reinforcement

Spiral synthetic yarn

Temperature Range

-30°F to 140°F (-34°C to 60°C)

Packaging

Reels or coupled lengths, 5 pieces per box

Branding

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

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

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

Air & Multipurpose **General Purpose Heavy Duty**

Push-on

Chemical Transfer

Cleaning Equipment

Food

Transfer Washdown

Marine

Material Handling

Abrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

LPG Delivery

Water Discharge Suction & Discharge

Welding

Washdown

Coupling Systems

Equipment

BC Cold Flex



Air & Multipurpose **General Purpose Heavy Duty** Push-on

Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Marine

Material Handling Abrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

LPG Delivery

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment

Appendix

Product Specifications

Application

A premium gas pump hose for use in extremely cold environments. Remains flexible where temperatures of -65°F (-54°C) are encountered. UL 330 and CUL approved. The only UL approved cold temperature

Construction Tube

Black, low-temp synthetic rubber

Black, low-temp 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

Example: Continental ContiTech 559 N, Made in U.S.A. 3/4" (19mm) UL, CUL Listed BC Cold Flex Gasoline Hose

Couplings

Use Continental ContiTech Fuelgrip Fittings for proper fitting recommendation and coupling procedure.

Order Codes

532-395

BC Cold Flex

SAP # ID		Nom. OD	Nom. OD			
	in.	mm	in.	mm	lb./ft.	kg/m
20195843	3/4	19.1	1.13	28.7	0.32	0.48
20195844	1	25.4	1.50	38.1	0.57	0.85



BC Gasoline





Product Specifications

Application

For all types of dispensing pump applications where flexibility and lightweight are desired. BC is available with one or two textile braids. 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

Example: 1" (25.4mm) 2BD. CUL, UL Listed style BC Gasoline Continental ContiTech 559N. Made in U.S.A.

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

532-012 (1 braid) 532-013 (2 braid) 532-314 (Blue) 532-313 (Red) 532-309 (Green)

BC Gasoline (1 Braid)

SAP#	ID		Nom. OD	Nom. OD		
Black	in.	mm	in.	mm	lb./ft.	kg/m
20014734	5/8	15.9	1.00	25.4	0.28	0.42
20014738	3/4	19.1	1.13	28.7	0.32	0.48

BC Gasoline (2 Braid)

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

Air & Multipurpose **General Purpose Heavy Duty**

Push-on

Chemical Transfer

Cleaning Equipment

Food

Transfer Washdown

Marine

Material Handling

Abrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

LPG Delivery

Water

Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment



BC Marina



Air & Multipurpose **General Purpose Heavy Duty** Push-on

Chemical Transfer

Cleaning Equipment

Food Transfer Washdown

Marine

Material Handling Abrasives **Bulk Transfer**

Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

LPG Delivery

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment

Appendix

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Product Specifications

Application

For dispensing gasoline to pleasure craft and commercial boats at fresh and salt water marinas. UL 330 and CUL approved.

Construction Tube

Nitrile synthetic rubber (ORS)

Green Chemivic™ synthetic rubber (ORS) (nonmarking)

Reinforcement

Braided (2) synthetic yarn with static wire

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Packaging

Reels or coupled lengths

Branding

Example: 1" (25.4mm) 2BD. UL Listed Marina Gasoline Continental ContiTech 559N. Made in U.S.A.

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

532-293

BC Marina

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



Flexsteel® Futura™ Ethan-ALL™ **Dispensing Hose Assembly**





Application

Flexsteel® Futura™ Ethan-ALL™ dispensing hose assembly is UL certified for use in ethanol dispensing applications up to E85. This new assembly provides the quality Futurin™ cover with its superior ozone resistance along with a new premium layline. The tube construction meets the E25/E85 compatibility test requirements of UL 87A.

The Flexsteel® Futura™ Ethan-ALL™ dispensing hose assembly uses the Continental 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)

Packaging

Coupled assemblies only

Branding

Example: 3/4" (UL) Listed Continental ContiTech Flexsteel® Futura™ Ethan-ALL™ E85 559N. Made in U.S.A.

Order Codes

532-337-124

Flexsteel® Futura™ Ethan-ALL™ Dispensing Hose Assembly

ID	OD			Max. WP	Max. WP		
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 Transfer Washdown

Marine

Material Handling

Ahrasives **Bulk Transfer** Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

LPG Delivery

Water

Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment

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.

Continental ContiTech 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

Polyester 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" (19.1mm)

Order Codes

532-027

Assemblies available

DEF Dispensing Hose

Benefits				
Provides superior extraction levels to significantly reduce contamination that can clog an SCR system and stop a truck				
Significantly reduce contamination that can clog an SCR system and stop a truck				
Reduced volumetric expansion to meet Weights and Measures system criteria				
Requirement for installations in Class I, Division 1 areas as outlined in NFPA 70				
Ensures desirable characteristics of AUS 32 (DEF) are met, such as quality, safety, reliability and contamination				

DEF Dispensing Hose

SAP#	P# ID		Nom. O	Nom. OD		Weight		Max WP	
	in.	mm	in.	mm	lb./ft.	kg/m	psi	MPa	
20554236	1/2	12.7	0.89	22.6	0.21	0.31	250	1.72	
20528917	3/4	19.1	1.13	28.8	.30	0.46	250	1.72	
20686517	1	25.4	1.45	36.8	0.42	0.62	250	1.72	

Material Handling Abrasives

Air & Multipurpose

General Purpose

Chemical Transfer

Cleaning Equipment

Heavy Duty Push-on

Food

Transfer

Marine

Washdown

Bulk Transfer Cement & Concrete

Mining

Petroleum Aircraft Fueling Dispensing Dock Transfer

Spray

Steam

Vacuum

LPG Delivery

Water Discharge Suction & Discharge Washdown

Welding

Coupling Systems

Equipment

