

Continental 
The Future in Motion



Industrial Hose

ExtremeFlex™ Beverage Hose

ExtremeFlex™ Beverage

Enhanced flexibility for enhanced operational efficiencies

Ideal for beer, wine, distillery and beverage (edible liquid) transfer processing facilities, ExtremeFlex Beverage features a microbe-resistant chlorobutyl tube that does not impart taste or smell. Suited for applications requiring flexible and/or tight bend connections, ExtremeFlex is lightweight, flexible and easy to handle.

- › Rated for full suction
- › High working pressure
- › Better bend radius
- › Non-phthalates compound
- › Corrugated EZ Clean cover for added abrasion resistance

Application

For beer, wine, distillery and beverage (edible liquid) transfer processing facilities. Ideal for applications requiring flexible and/or tight bend connections.

cover (semi-smooth finish).
Reinforcement: Spiral-plied fabrics with double galvanized helix wire.

Temperature

-30° F to 220° F (-34° C to 104° C)

Construction

Tube: White Chlorobutyl (FDA/USDA compliant & conforms to 3-A Sanitary Standard 18-03).

Cover: Corrugated grey chemical (wrapped impression), new corrugated red EZ Clean UHMWPE

Order Codes

549-603 gray cover, 549-605 EZ Clean red cover

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Take advantage of our complete line of food and beverage industry hose offerings:

- › ExtremeFlex Food
- › Vintner™
- › Brewline®
- › White Flexwing®
- › Fortress® with Microban®*

*Microban is a trademark of Microban Product Company™



ExtremeFlex™ beverage gray hose specifications*



Part #	ID	OD		Working Pressure at 72°F (22°C)		Bend Radius		Vacuum at 72°F (22°C)		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in. Hg	mm Hg	lb./ft.
20762678	1	25.4	1.56	39.7	250	1.72	1.5	38	29	737	.73	1.09
20762679	1.5	38.1	2.02	51.3	250	1.72	2.3	57	29	737	.92	1.38
20762651	2	50.8	2.53	64.2	250	1.72	3.0	76	29	737	1.20	1.79
20762652	3	76.2	3.59	91.2	200	1.38	4.5	114	29	737	2.02	3.01
20762653	4	101.6	4.60	116.8	150	1.03	6.0	152	29	737	2.76	4.11

*Excludes EZ Clean cover

ExtremeFlex beverage red hose specifications



Part #	ID	OD		Working Pressure at 72°F (22°C)		Bend Radius		Vacuum at 72°F (22°C)		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in. Hg	mm Hg	lb./ft.
20776605	1	25.4	1.52	38.7	250	1.72	2	51	29	737	.65	.96
20762754	1.5	38.1	2.03	51.6	250	1.72	3	76	29	737	.93	1.38
20752524	2	50.8	2.537	64.5	250	1.72	4	102	29	737	1.21	1.80
20762758	3	76.2	3.601	91.5	200	1.38	6	152	29	737	2.03	3.02
20762760	4	101.6	4.607	117	150	1.03	8	203	29	737	2.77	4.12

To learn how ExtremeFlex Beverage can benefit your beverage operations, visit www.contitech.us

Plicord® ExtremeFlex™ Food Grade



Product Specifications

Application

Plicord® ExtremeFlex™ Food Grade is for both dry food transfer and liquid transfer. It is a high-tech, flexible corrugated hose with pretzel-like agility and proven performance. Best of all, it is available at a non-corrugated price, making it a great value. With ExtremeFlex™, there's even more to appreciate:

- > **Flexible Handling:** Easier to move in and out of tight spaces and around sharp corners.
- > **Lightweight:** Easier to lift and carry, so there are fewer workplace injuries.
- > **Lower Force to Bend:** Easier to connect and disconnect, keeping productivity high.

Construction

> Tube

White Chemivac synthetic rubber (FDA/USDA compliant and conforms to 3-A Sanitary Standard 18-03)

> Cover

White or gray Chemivac corrugated synthetic rubber (wrapped impression)

> Reinforcement

Spiral-plied synthetic fabric with galvanized wire helix

Temperature Range

-25°F to 212°F (- 32°C to 100°C)

Packaging

Coiled and poly-wrapped

Branding (Spiral)

Continental ContiTech Plicord® ExtremeFlex™ Food Grade 150 psi WP

Couplings

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

Non-Stock/Sizes

400' minimum order

Order Codes

549-164 (gray)
549-462 (white)

Plicord® ExtremeFlex™ Food Grade

SAP #		ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
White	Gray	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20607375		1	25.4	1.45	36.9	150	1.03	1	25	29	737	0.61	0.91
20607376		1 1/4	31.8	1.65	42.0	150	1.03	1.25	32	29	737	0.64	0.95
20656565	20524205	1 1/2	38.1	1.94	49.3	150	1.03	1.5	38	29	737	0.81	1.21
20478040	20483718	2	51.2	2.44	62.0	150	1.03	2	51	29	737	1.05	1.56
20478043	20483781	3	76.1	3.56	90.5	150	1.03	3	76	29	737	2.07	3.08
20478044	20483782	4	102.1	4.59	116.6	150	1.03	4	102	29	737	2.92	4.35

Hose design ratio (burst pressure) 4:1. For ContiTech food hose compliance information, see Appendix 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

Plicord® ExtremeFlex™ Beverage Red with EZ Clean Cover



Product Specifications

Application

Plicord ExtremeFlex Beverage Red with EZ Clean Cover is primarily for liquid transfer. Use it at beer, wine, distillery and beverage (edible liquid) transfer processing facilities. It is ideal for applications requiring flexible and/or tight bend connections.

Construction

> Tube

White chlorobutyl (FDA/USDA compliant and conforms to a 3-A Sanitary Standard 18-03)

> Cover

New corrugated red EZ Clean UHMWPE cover (semi-smooth finish)

> Reinforcement

Spiral-plied fabric with double galvanized helix wire

Temperature Range

-30°F to 220°F (-34°C to 104°C)

Couplings

Tri-clamp or sanitary ends are typically used with this hose. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

549-605

Plicord® ExtremeFlex™ Beverage Red

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG @ 72°F		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
20776605	1	25.4	1.52	38.7	250	1.72	2	51	29	737	0.65	0.96
20762754	1½	38.1	2.03	51.6	250	1.72	3	76	29	737	0.93	1.38
20752524	2	50.8	2.54	64.5	250	1.72	4	102	29	737	1.21	1.80
20762758	3	76.2	3.60	91.5	200	1.38	6	152	29	737	2.03	3.02
20762760	4	101.6	4.61	117	150	1.03	8	203	29	737	2.77	4.12

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
Transfer Discharge
Transfer S&D

Specialty

Steam

Vacuum

Water
Discharge
Suction & Discharge

Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix

Plicord® ExtremeFlex™ Beverage Gray



Product Specifications

Application

Plicord® ExtremeFlex™ Beverage is primarily for liquid transfer. Use it at beer, wine, distillery and beverage (edible liquid) transfer processing facilities. It is ideal for applications requiring flexible and/or tight bend connections.

Construction

> Tube

White chlorobutyl (FDA/USDA compliant and conforms to a 3-A Sanitary Standard 18-03)

> Cover

Corrugated gray Chemivac (wrapped impression)

> Reinforcement

Spiral-plied fabric with double galvanized helix wire

Temperature Range

-30°F to 220°F (-34°C to 104°C)

Couplings

Tri-clamp or sanitary ends are typically used with this hose. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

549-004 (red Microban®)

549-603 (gray)

Plicord® ExtremeFlex™ Beverage Gray

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG @ 72°F		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20762678	1	25.4	1.56	39.7	250	1.72	1.5	38	29	737	0.73	1.09
20762679	1½	38.1	2.02	51.3	250	1.72	2.3	57	29	737	0.92	1.38
20762751	2	50.8	2.53	64.2	250	1.72	3.0	76	29	737	1.20	1.79
20762752	3	76.2	3.59	91.2	200	1.38	4.5	114	29	737	2.02	3.01
20762753	4	101.6	4.60	116.8	150	1.03	6.0	152	29	737	2.76	4.11

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

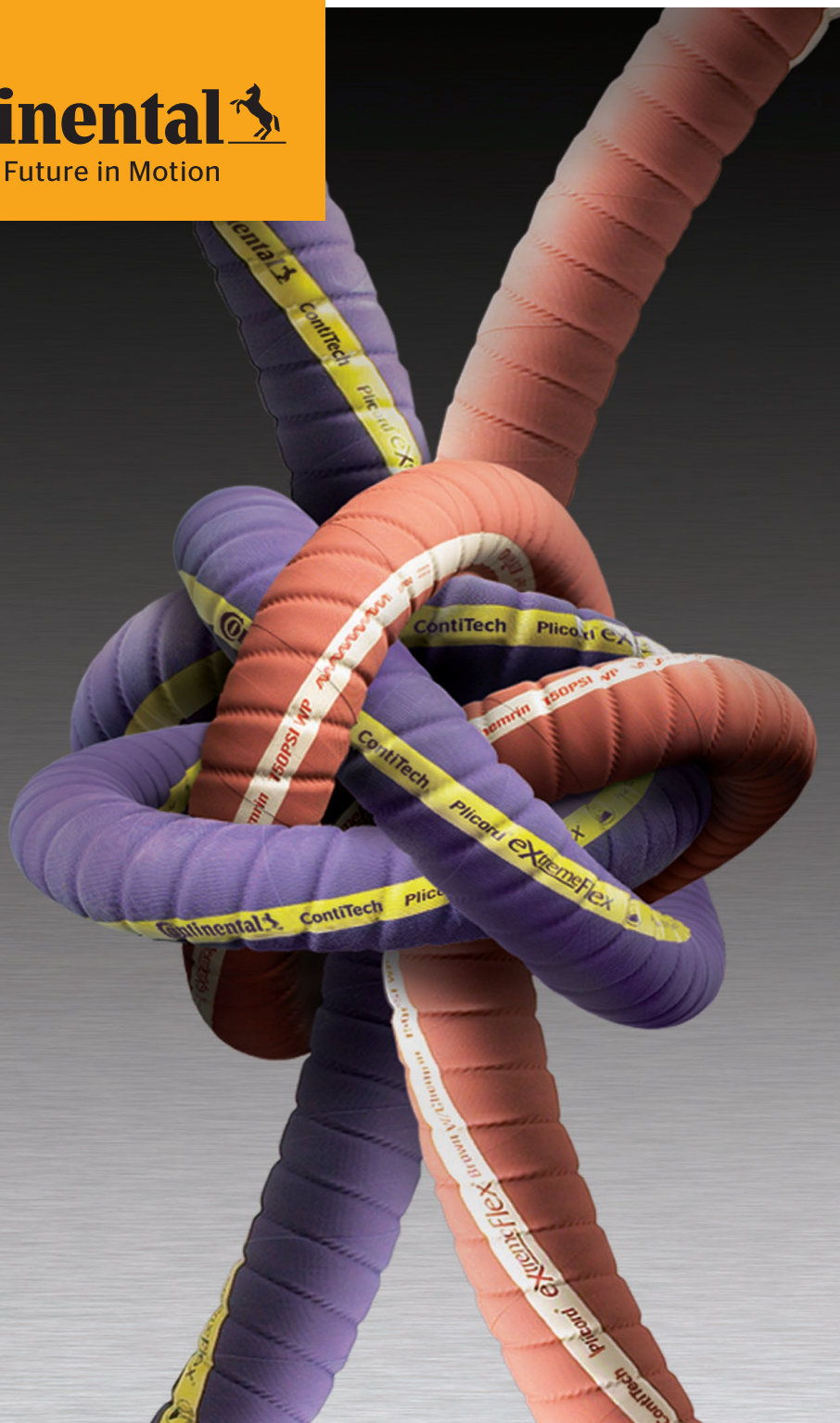
Water
Discharge
Suction & Discharge
Washdown
Garden

Welding

Coupling Systems

Equipment

Appendix



Industrial Hose

Plicord® ExtremeFlex™

Purple & Brown Chemical Transfer Hoses

Plicord® ExtremeFlex™ Purple and Brown Chemical Transfer Hoses

Taking Lightweight Flexibility to the Extreme

ContiTech hose, is proud to introduce Plicord ExtremeFlex Purple and Brown Chemical Transfer Hoses. They are our latest innovations in the chemical production and petroleum refining industries. Their advanced formulation and construction results in two incredibly flexible, lightweight hoses at a great value. Destined to be the new standard in chemical transfer hoses, ExtremeFlex Purple and Brown feature technologically advanced rubber compounding that allows them to leap past other hoses in this category.

Among their many competitive advantages, they are

› **More Flexible:**

Easier to move in and out of tight spaces and around corners.

› **Lighter Weight:**

Easier to lift and carry, resulting in fewer workplace injuries.

› **Lower Force to Bend:**

Easier to connect and disconnect for increased productivity.

› **Improved Flex Performance:**

More durable and longer lasting.





Plicord® ExtremeFlex™ Purple Chemical Transfer Hose

Designed for Excellent Chemical Resistance

Industries Served

Chemical production

Application

A high-tech, flexible and versatile chemical hose capable of handling a wide range of chemicals, acids and alcohols in both suction and discharge service

Construction

Tube: Black EPDM synthetic rubber

Cover: Corrugated Purple EPDM synthetic rubber with yellow spiral stripe

Reinforcement: Spiral-plyed synthetic fabric with double wire helix

Temperature Range: -40°F to 221°F (-40°C to 104°C)

Packaging: 100' exact cut length, coiled, polywrapped

Branding (Spiral): Continental ContiTech Plicord ExtremeFlex Purple 150 psi Made in Canada

Couplings: Use Continental ContiTech Insta-Lock™
Cam & Groove fittings with this product

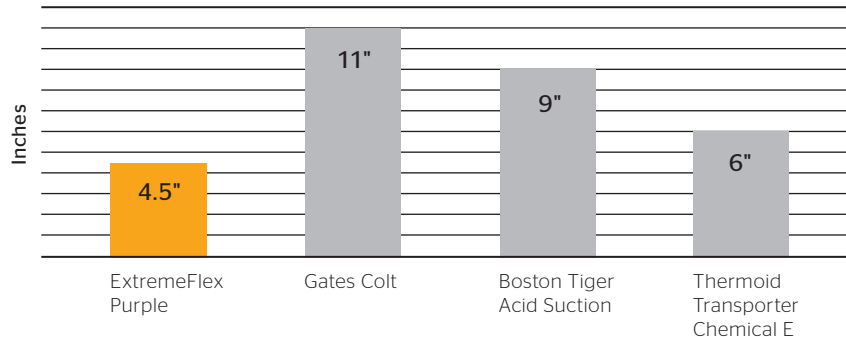
Non-Stock/Sizes: 400' min. if not stocked

Order Code: 546-721

Plicord ExtremeFlex Purple

ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
1½	38.00	1.92	48.70	150	1.03	2.25	57.2	29	737	0.73	1.09
2	51.20	2.44	61.90	150	1.03	3.00	76	29	737	0.95	1.42
3	76.10	3.54	89.80	150	1.03	4.50	114	29	737	1.76	2.62
4	102.10	4.57	116.10	150	1.03	6.00	152	29	737	2.41	3.59

Competitive Advantage: Better Bend Radius (Radius For 3" Diameter)



Gates is a registered trademark of The Gates Corporation. Boston is a trademark of Eaton Corporation. Thermoid is a registered trademark of HBD / Thermoid, Inc. Dayco is a registered trademark of Dayco Products, LLC.



Plicord® ExtremeFlex™ Brown Chemical Transfer Hose

Designed for Excellent Chemical Resistance

Industries Served

Chemical production and petroleum refining

Application

A high-tech flexible and versatile chemical hose capable of handling a wide variety of acids, alcohols, salt solutions and petroleum-based products

Construction

Tube: Black Chemrin® (CPE) synthetic rubber

Cover: Corrugated Brown EPDM synthetic rubber with white spiral stripe

Reinforcement: Spiral-plied synthetic fabric with double wire helix

Temperature Range: -30°F to 275°F (-34°C to 135°C)

Packaging: 100' exact cut length, coiled, polywrapped

Branding (Spiral): Continental ContiTech Plicord ExtremeFlex Brown w/ Chemrin 150 psi
Made in Canada

Couplings: Use Continental ContiTech Insta-Lock™ Cam & Groove fittings with this product

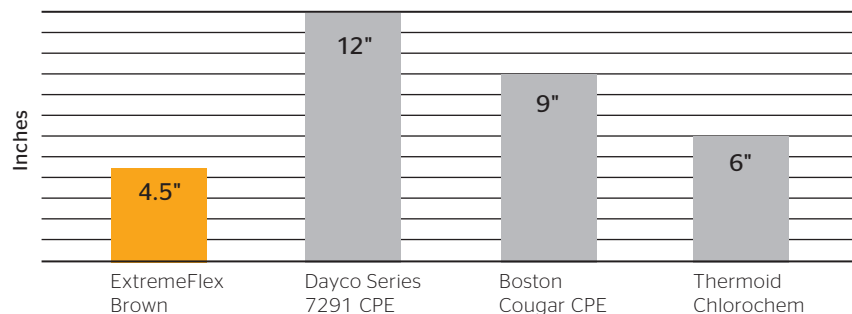
Non-Stock/Sizes: 400' min. if not stocked

Order Code: 546-723

Plicord ExtremeFlex Brown

ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
1	25.30	1.42	36.00	150	1.03	1.50	38.10	29	737	0.50	0.75
1¼	32.00	1.63	41.50	150	1.03	2.00	50.80	29	737	0.57	0.85
1½	38.00	1.92	48.70	150	1.03	2.25	57.20	29	737	0.74	1.10
2	51.20	2.44	61.90	150	1.03	3.00	76.00	29	737	0.97	1.45
3	76.20	3.54	89.80	150	1.03	4.50	114.00	29	737	1.80	2.68
4	102.10	4.57	116.10	150	1.03	6.00	152.00	29	737	2.47	3.68

Competitive Advantage: Better Bend Radius (Radius For 3" Diameter)



Plicord® ExtremeFlex™ Brown



Product Specifications

Application

A high-tech, flexible and versatile chemical hose capable of handling a wide variety of acids, alcohols, salt solutions and petroleum-based products.

Construction

> Tube

Black Chemrin® (CPE) synthetic rubber

> Cover

Corrugated Brown EPDM synthetic rubber with white spiral stripe

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-30°F to 275°F (-34°C to 135°C)

Packaging

100' exact lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Plicord® ExtremeFlex™ Brown with Chemrin® 150 psi Made in Canada

Couplings

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

Non-Stock/Sizes

400' minimum if not stocked.

Order Codes

546-723

Plicord® ExtremeFlex™ Brown

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
		in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
20524365	1	25.30	1.42	36.00	150	1.03	1.50	38.10	29	737	0.50	0.75
20524366	1¼	32.00	1.63	41.50	150	1.03	2.00	50.80	29	737	0.57	0.85
20668438	1½	38.00	1.92	48.70	150	1.03	2.25	57.20	29	737	0.74	1.10
20524368	2	51.20	2.44	61.90	150	1.03	3.00	76.0	29	737	0.97	1.45
20524369	3	76.20	3.54	89.80	150	1.03	4.50	114.0	29	737	1.80	2.68
20524381	4	102.10	4.57	116.10	150	1.03	6.00	152.0	29	737	2.47	3.68

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

Plicord® ExtremeFlex™ Purple



Product Specifications

Application

A high-tech, flexible and versatile chemical hose capable of handling a wide range of chemicals, acids and alcohols in both suction and discharge service.

Construction

> Tube

Black EPDM synthetic rubber

> Cover

Corrugated purple EPDM synthetic rubber with yellow spiral stripe

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-40°F to 221°F (-40°C to 104°C)

Packaging

100' exact lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Plicord® ExtremeFlex™ Purple 150 psi Made In Canada

Couplings

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

Non-Stock/Sizes

400' minimum if not stocked.

Order Codes

546-721

Plicord® ExtremeFlex™ Purple

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
Purple	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
20524360	1½	38.00	1.92	48.70	150	1.03	2.25	57.20	29	737	0.73	1.09
20524361	2	51.20	2.44	61.90	150	1.03	3.00	76.00	29	737	0.95	1.42
20524362	3	76.10	3.54	89.80	150	1.03	4.50	114.0	29	737	1.76	2.62
20524363	4	102.1	4.57	116.1	150	1.03	6.00	152.0	29	737	2.41	3.59

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



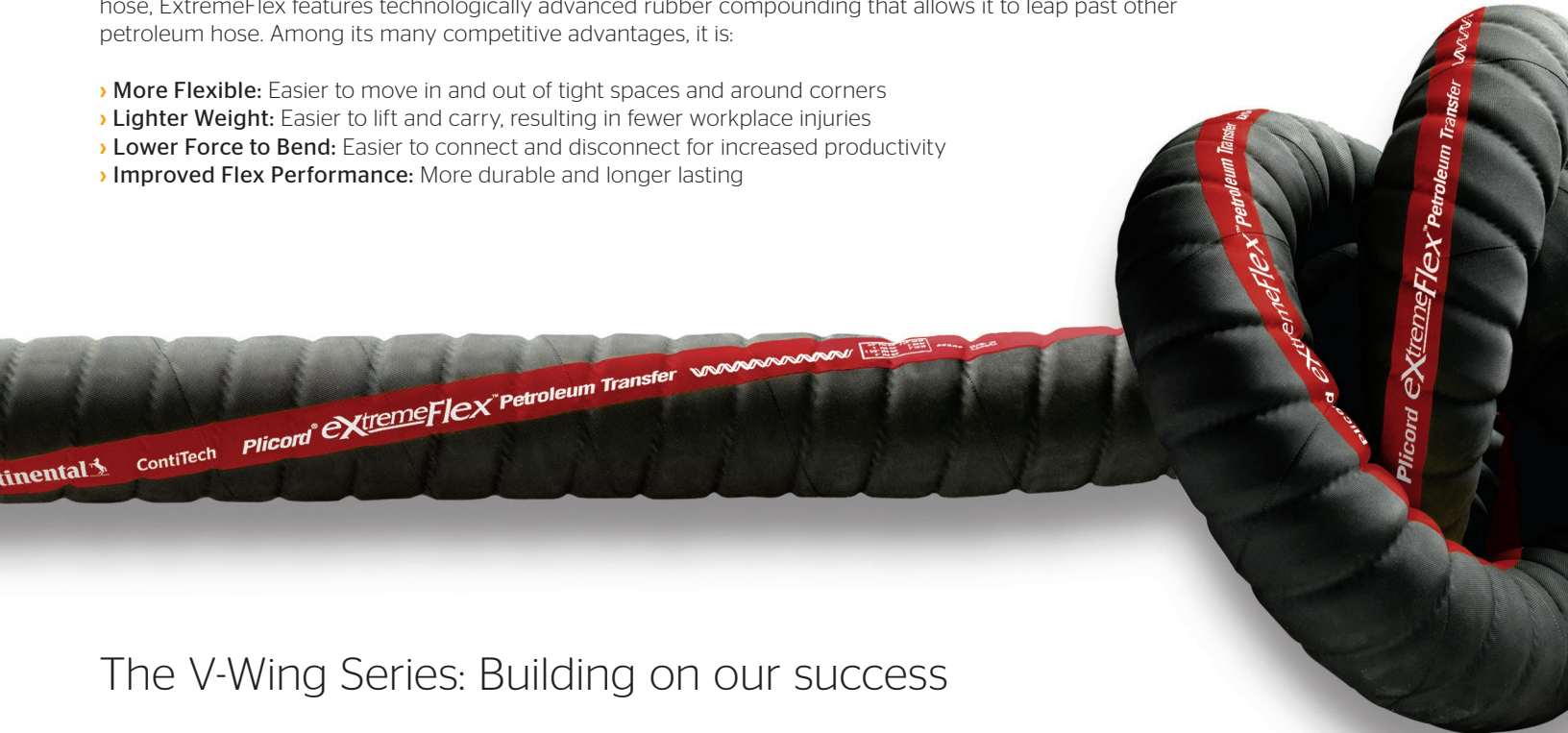
Industrial Hose

Plicord® ExtremeFlex™
Petroleum Transfer Hose

The Petroleum Transfer Hose that Eclipses the Competition Giants

Continental ContiTech branded hose, is proud to introduce Plicord® ExtremeFlex™ Petroleum Transfer Hose, our latest innovation in this highly competitive market. Its advanced formulation and construction creates an incredibly durable hose at a great value. Destined to be the new standard in petroleum transfer hose, ExtremeFlex features technologically advanced rubber compounding that allows it to leap past other petroleum hose. Among its many competitive advantages, it is:

- › **More Flexible:** Easier to move in and out of tight spaces and around corners
- › **Lighter Weight:** Easier to lift and carry, resulting in fewer workplace injuries
- › **Lower Force to Bend:** Easier to connect and disconnect for increased productivity
- › **Improved Flex Performance:** More durable and longer lasting



The V-Wing Series: Building on our success

As the leader in the rubber compounding technology field, we are constantly evaluating and improving our product selection, notably our V-Wing Series of lightweight and flexible hose.

One recent innovation in the V-Wing family was the Chem One™ chemical transfer hose. With its extreme flexibility, light weight and outstanding flex performance, Chem One is sure to be the preferred choice for chemical plant applications.

We took many of the cutting-edge technologies from Chem One and applied them to ExtremeFlex, resulting in an advanced hose specifically designed to serve the petroleum industry.

This is just one example of the insights and technological advances you enjoy when you spec and purchase Continental ContiTech branded hose.



ExtremeFlex™ petroleum transfer hose specifications

Construction

Tube: Black Nitrile synthetic rubber (Class A oil resistance)

Cover: Black Chemivic™ synthetic (corrugated)

Reinforcement: Spiral-plied synthetic fabric with wire helix

Temperature Range

-40°F to 200°F (-40°C to 93°C)

Packaging

100' lengths, coiled and bagel-packed

Branding

Continuous brand Plicord® ExtremeFlex petroleum transfer

Couplings

Use Continental ContiTech Insta-Lock™ Cam and Groove Fittings. See Crimp Chart for updated crimp specifications.

Non-Stock/Sizes

Contact customer service for special production run minimum requirements for non-stock sizes.

Order Codes

543-216 (3/4" - 4") 543-246 (6")

ID		Nom. OD		Max. WP		Bend Radius		Vacuum Hg		Weight	
in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
3/4	19.1	1.20	30.5	250	1.72	.75	19	29	737	0.44	0.65
1	25.4	1.45	36.8	250	1.72	1	25	29	737	0.55	0.81
1½	38.1	1.91	48.5	250	1.72	1.5	38	29	737	0.73	1.08
2	50.8	2.43	61.8	250	1.72	2	51	29	737	0.96	1.43
2½	63.5	3.00	76.1	200	1.37	2.5	64	29	737	1.41	2.10
3	76.2	3.50	88.8	200	1.37	3	76	29	737	1.69	2.51
4	101.6	4.56	115.7	150	1.03	4	101	29	737	2.42	3.61
6	152.4	6.62	168.1	150	1.03	6	146	29	737	4.43	2.01

ExtremeFlex
Competitive
Advantages

*TitanFlex® and Titan
Petromax are products of
Titan Industries, Inc.

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 Chemivic 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.	kg/m
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

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: 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.



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