

Brown Flexwing® Chemrin® (CPE) Tube



Product Specifications

Application

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

Construction

> Tube

Black Chemrin® synthetic rubber

> Cover

Brown EPDM synthetic rubber with white spiral stripe (wrapped impression)

> 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 Brown Flexwing® with Chemrin® 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

546-069

541-069 (custom lengths with fittings)

Brown 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
20198532	1/2	12.7	0.94	23.8	150	1.03	2	51	29	737	0.32	0.48
20018560	3/4	19.1	1.19	30.1	150	1.03	3	76	29	737	0.43	0.64
20018561	1	25.4	1.44	36.5	150	1.03	3.5	89	29	737	0.54	0.81
20018567	1¼	31.8	1.69	42.8	150	1.03	4.5	114	29	737	0.65	0.97
20018569	1½	38.1	1.99	50.6	150	1.03	5	127	29	737	0.91	1.36
20018571	2	50.8	2.51	63.7	150	1.03	6	152	29	737	1.21	1.80
20263622	2½	63.5	3.06	77.6	150	1.03	7.5	191	29	737	1.66	2.47
20018573	3	76.2	3.58	91.0	150	1.03	9	229	29	737	2.08	3.10
20018574	4	101.6	4.63	117.7	150	1.03	12	305	29	737	2.98	4.44

Hose design ratio (burst pressure) 4:1.

Refer to the ContiTech Chemical Resistance Charts in Appendix B for specific chemical and temperature compatibility.

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

Purple Flexwing®



Product Specifications

Application

A versatile hose developed to handle a wide range of chemicals, acids and alcohols in both suction and discharge service.

Construction

> Tube

Black EPDM synthetic rubber

> Cover

Purple EPDM with yellow spiral stripe (wrapped impression)

> 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 Purple Flexwing® with EPDM 150 psi Max 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

546-805

Purple 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
20018743	1½	38.1	2.02	51.3	150	1.03	4	102	29	737	0.95	1.41
20018749	2	50.8	2.53	64.3	150	1.03	5	127	29	737	1.16	1.73
20018750	3	76.2	3.58	90.9	150	1.03	7	178	29	737	2.00	2.98
20018751	4	101.6	4.69	119.1	150	1.03	10	254	29	737	3.03	4.51

Hose design ratio (burst pressure) 4:1.

Note: Refer to the ContiTech Chemical Resistance Charts in Appendix B for specific chemical and temperature compatibility.

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

Orange Flexwing® Flosyn® Tube



Product Specifications

Application

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

Construction

> Tube

Black Flosyn® synthetic rubber

> Cover

Orange Chemivic synthetic rubber with white spiral stripe (wrapped impression)

> Reinforcement

Spiral-plied synthetic fabric with double wire helix

Temperature Range

-25°F to 250°F (-32°C to 121°C)

Packaging

100' exact lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech Orange Flexwing® with Flosyn® 150 psi WP

Couplings

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

Non-Stock/Sizes

Order in increments of 100'

Order Codes

541-063

Orange 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
20014912	1	25.4	1.44	36.6	150	1.03	4	89	29	737	0.61	0.91
20014913	1¼	31.8	1.73	43.9	150	1.03	4	102	29	737	0.79	1.18
20014915	1½	38.1	1.97	50.0	150	1.03	4	102	29	737	0.95	1.41
20014917	2	50.8	2.58	65.5	150	1.03	5	127	29	737	1.45	2.16
20014918	2½	63.5	3.08	78.2	150	1.03	6	152	29	737	1.77	2.63
20014919	3	76.2	3.59	91.2	150	1.03	7	178	29	737	2.26	3.36
20014921	4	101.6	4.69	119.1	150	1.03	10	254	29	737	3.31	4.93

Hose design ratio (burst pressure) 4:1.

Refer to the ContiTech Chemical Resistance Charts in Appendix B for specific chemical and temperature compatibility.

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

Blue Flexwing®



Product Specifications

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

Application

Handles the majority of today's industrial chemicals in pressure, gravity flow or suction service.

Construction

> Tube

Clear Speclar® synthetic rubber cross-linked polyethylene (XLPE)

> Cover

Blue EPDM sythetic rubber with spiral white stripe (wrapped impression)

> Reinforcement

Spiral-plied sythetic fabric with double wire helix

Temperature Range

-25°F to 150°F (-32°C to 66°C)

Packaging

100' exact lengths, coiled and poly-wrapped

Branding (Spiral)

Continental ContiTech Blue Flexwing® Chemical Transfer with Speclar® 200 psi WP

Couplings

Use ContiTech Insta-Lock™ cam & groove fittings with the product. For available Insta-Lock™ products, contact customer service. Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Non-Stock/Sizes

400' minimum if not stocked.

Order Codes

- 546-066 (1/2"-4")
- 541-066 (6")

Blue Flexwing®

SAP #	ID	Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight		
Blue	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
	1/2	12.7	0.96	24.4	200	1.38	6	152	29	737	0.3	0.45
	3/4	19.1	1.22	31	200	1.38	7	178	29	737	0.45	0.67
	1	25.4	1.47	37.3	200	1.38	8	203	29	737	0.55	0.82
	1 1/4	31.8	1.75	44.5	200	1.38	9	229	29	737	0.7	1.04
	1 1/2	38.1	2.04	51.8	200	1.38	10	254	29	737	0.95	1.41
	2	50.8	2.58	65.5	200	1.38	12	305	29	737	1.22	1.82
	2 1/2	63.5	3.13	79.5	200	1.38	15	381	29	737	1.65	2.46
	3	76.2	3.7	94	200	1.38	18	457	29	737	2.24	3.33
	4	101.6	4.73	120.1	200	1.38	24	610	29	737	3.01	4.48

Hose design ratio (burst pressure) 4:1.

White Flexwing®



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

Product Specifications

Application

White Flexwing® is for both dry food transfer and liquid transfer. It is a highly flexible hose for gravity flow, pressure or suction service transferring oily and non-oily edibles from tank truck and in-plant service.

Construction

> Tube

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

> Cover

White Chemivic synthetic rubber (wrapped impression)

> Reinforcement

Spiral-plied synthetic fabric with galvanized wire helix

Temperature Range

-25°F to 230°F (-32°C to 110°C)

Packaging

100' lengths, coiled and poly-wrapped

Branding (Spiral)

Example: Continental ContiTech White Flexwing® 150 psi WP FDA 3-A USDA

Couplings

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

Order Codes

549-151

White Flexwing®

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	White	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.
20019284	3/4	19.1	1.20	30.5	150	1.03	2	51	29	737	0.47	0.70
20019286	1	25.4	1.44	36.6	150	1.03	3	76	29	737	0.57	0.85
20019287	1¼	31.8	1.70	43.2	150	1.03	4	102	29	737	0.69	1.03
20019289	1½	38.1	1.97	50.0	150	1.03	4	102	29	737	0.86	1.28
20019292	2	50.8	2.53	64.3	150	1.03	5	114	29	737	1.23	1.83
20019296	2½	63.5	3.10	78.7	150	1.03	6	146	29	737	1.81	2.69
20019297	3	76.2	3.60	91.4	150	1.03	7	178	29	737	2.16	3.21
20019301	4	101.6	4.64	117.9	150	1.03	10	254	29	737	3.05	4.54

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

Tan Flexwing®



Product Specifications

Application

Tan Flexwing® is for acids, alcohol bases and salt solutions.

Construction

> Tube

Tan Pureten™ gum rubber (non oil-resistant)

> Cover

Tan SBR synthetic rubber (non oil-resistant) with blue spiral stripe (wrapped impression)

> Reinforcement

Spiral-plied synthetic fabric with 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 Tan Flexwing® with Pureten™ 150 psi WP

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

546-068

Tan 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
20018549	1	25.4	1.61	40.9	150	1.03	3.5	89	29	737	0.75	1.12
20050636	1½	38.1	2.14	54.4	150	1.03	4.0	102	29	737	1.08	1.61
20018551	2	50.8	2.68	68.1	150	1.03	5.0	127	29	737	1.44	2.14
20018555	3	76.2	3.75	95.3	150	1.03	7.0	178	29	737	2.32	3.45
20018557	4	101.6	4.83	122.7	150	1.03	10.0	254	29	737	3.39	5.04
20221775	6	152.4	6.96	176.8	150	1.03	30.0	762	29	737	6.04	8.99

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

Welding

Coupling Systems

Equipment

Appendix

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

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

Temperature Range

-35°F to 200°F (-37°C to 93°C)

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

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® 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

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		
Black	in.	mm	in.	mm	psi	MPa	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

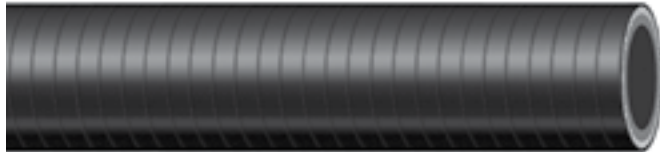
Welding

Coupling Systems

Equipment

Appendix

Flexwing® Water S&D



Product Specifications

Application

Flexwing® Water S&D is a general-purpose, economical hose for applications in light or medium water suction and discharge operations. It is rated for full vacuum. It can be used in various industrial, agricultural and construction areas.

Construction

> Tube

Black SBR synthetic rubber

> Cover

Black SBR synthetic rubber

> Reinforcement

Synthetic fabric plies with internal wire helix

Packaging

3/4"-6" - 100' lengths, coiled and poly-wrapped

8"-12" - Custom lengths

Branding

Example: Flexwing® Water S&D

Couplings

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

Order Codes

541-249 (8"-12")

542-249 (3/4"-6")

Temperature Range

-25°F to 180°F (-32°C to 82°C)

Flexwing® Water S&D

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
20026570	3/4	19.0	1.09	27.9	150	1.03	2	50	29	737	0.33	0.49
20026608	1	25.3	1.34	34.1	150	1.03	2	50	29	737	0.41	0.61
20026605	1¼	32.0	1.61	40.8	150	1.03	4	100	29	737	0.50	0.75
20026606	1½	38.0	1.84	46.9	150	1.03	4	100	29	737	0.63	0.94
20462936	2	51.1	2.38	60.4	150	1.03	7	180	29	737	0.84	1.25
20462937	2½	63.6	2.89	73.3	150	1.03	10	250	29	737	1.08	1.61
20462938	3	76.1	3.42	86.8	150	1.03	14	360	29	737	1.46	2.18
20462939	3½	90.0	3.97	100.9	150	1.03	14	360	29	737	1.80	2.68
20462940	4	102.1	4.45	113.1	150	1.03	18	460	29	737	2.03	3.02
20462941	5	127.3	5.53	140.5	150	1.03	20	510	29	737	3.34	4.98
20462942	6	152.6	6.63	168.0	150	1.03	24	610	29	737	4.67	6.96
20026598	8	203.5	8.75	222.3	125	0.86	48	1200	29	737	7.56	11.26
20531203	10	253.9	10.97	278.3	125	0.86	60	1500	29	737	12.34	18.39
20464167	12	305.5	12.19	335.4	125	0.86	72	1800	29	737	19.07	28.41

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