

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.

Packaging

100' lengths, coiled and poly-wrapped

Branding

Example: Continental ContiTech Flexwing® Petroleum Hose

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

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)

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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