

# Plicord® Flexwing® Petroleum



## Product Specifications

### Application

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.

### Construction Tube

Nitrile synthetic rubber RMA Class A (High Oil Resistance)

### Cover

Black (red spiral stripe) or Red Chemivic™ (white spiral stripe) synthetic rubber (oil resistant); smooth cover; 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 polywrapped

### Branding (Spiral)

Example: Continental ContiTech Flexwing® Petroleum 150 psi WP

### Couplings

Use Continental ContiTech Insta-Lock™ Cam & Groove Fittings with this product. See the Coupling Systems information pages at the back of the catalog.

### Order Codes

543-109 (black)  
543-110 (red)  
541-109 (black 8-inch size)

## 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
20050548		3/4	19.1	1.22	31.0	150	1.03	2	51	29	737	0.47	0.70
20017481	20392618	1	25.4	1.50	38.1	150	1.03	2	51	29	737	0.63	0.94
20017482	20017530	1¼	31.8	1.76	44.7	150	1.03	3	76	29	737	0.79	1.18
20017488	20017532	1½	38.1	2.03	51.6	150	1.03	4	102	29	737	0.99	1.47
20050549		1¾	44.5	2.28	57.9	150	1.03	4	102	29	737	1.07	1.59
20017496	20017537	2	50.8	2.55	64.8	150	1.03	5	114	29	737	1.30	1.93
20017502	20017541	2½	63.5	3.07	78.0	150	1.03	6	146	29	737	1.66	2.47
20017508	20017543	3	76.2	3.57	90.7	150	1.03	7	178	29	737	2.03	3.02
20017513		3½	88.9	4.13	104.9	150	1.03	8	203	29	737	2.39	3.56
20017516		4	101.6	4.60	116.8	150	1.03	10	254	29	737	2.68	3.99
20017526	20017546	6	152.7	6.78	171.9	150	1.03	30	762	29	737	5.61	8.36
20620375		8	203.2	8.98	228.0	150	1.03	40	1016	29	737	9.90	14.73

**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

Appendix