



FLEXWING® PETROLEUM

Continental 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.

Performance + Specs

Tube

- Nitrile (NBR/PVC)
- ARPM Class A (High Oil Resistance)

Cover

- 543-109 Black Nitrile / PVC Blend - ARPM Class B (Medium Oil Resistance)
- 543-110 Red Chloroprene (CR) - ARPM Class B (Medium Oil Resistance)

Reinforcement

- Spiral-Plied Synthetic Fabric
- Double Wire Helix

Temperature Range

- -35°F / -37°C ~ 212°F / 100°C

Design Factor

- 4:1

Packaging

- 100ft lengths, coiled and polywrapped

Coupling

- Refer to the Continental ContiTech Industrial Hose Assembly Manual for crimp specs and coupling procedure.

Non Stock / Sizes

- For special production run minimum requirements, Contact Customer Service.

Branding

CONTINENTAL FLEXWING® PETROLEUM HOSE 150 PSI WP CAUTION: MADE IN CANADA

Flexwing® Petroleum

Order Codes: 541-109, 543-110 (Red), 543-109 (Black)

Product Numbers

ID (in)	ID (mm)	Nom. OD (in.)	Nom. OD (mm)	Length (ft)	Color	Min. Burst (PSI)	Min. Burst (Mpa)	Bend Radius (in.)	Bend Radius (mm)	Vacuum (in.)	Vacuum (mm)	WP (PSI)	WP (MPa)	Weight (lbs/ft)	Weight (kg/m)	Part Number
1/2	12.70	0.94	23.80	400	Black			1.50	38.10	29.00	736.60	150	1.03	0.32	0.48	20138742
3/4	19.05	1.19	30.10	100	Black	600	4.14	2.00	50.80	29.00	736.60	150	1.03	0.43	0.64	20050548
1	25.40	1.44	36.69	100	Red	600	4.14	2.50	63.50	29.00	736.60	150	1.03	0.57	0.85	20392618
1	25.40	1.43	36.40	100	Black	600	4.14	2.50	63.50	29.00	736.60	150	1.03	0.54	0.81	20017481
1-1/4	31.75	1.72	43.69	100	Black	600	4.14	3.00	76.20	29.00	736.60	150	1.03	0.73	1.09	20017482
1-1/4	31.75	1.70	43.13	100	Red	600	4.14	3.00	76.20	29.00	736.60	150	1.03	0.72	1.07	20017530
1-1/2	38.10	1.97	50.08	100	Black	600	4.14	4.00	101.60	29.00	736.60	150	1.03	0.87	1.29	20017488
1-1/2	38.10	1.99	50.48	100	Red	600	4.14	4.00	101.60	29.00	736.60	150	1.03	0.92	1.36	20017532
2	50.80	2.49	63.17	100	Red	600	4.14	5.00	127.00	29.00	736.60	150	1.03	1.18	1.75	20017537
				400	Red	600	4.14	5.00	127.00	29.00	736.60	150	1.03	1.18	1.75	20017540
2	50.80	2.47	62.77	100	Black	600	4.14	5.00	127.00	29.00	736.60	150	1.03	1.12	1.66	20017496
2-1/2	63.50	3.02	76.83	100	Black	600	4.14	6.00	152.40	29.00	736.60	150	1.03	1.57	2.33	20017502
3	76.20	3.59	91.13	100	Red	600	4.14	8.00	203.20	29.00	736.60	150	1.03	2.09	3.11	20017543
3	76.20	3.57	90.73	100	Black	600	4.14	8.00	203.20	29.00	736.60	150	1.03	2.01	2.99	20017508
4	101.60	4.59	116.50	100	Black	600	4.14	12.00	304.80	29.00	736.60	150	1.03	2.72	4.05	20017516
4	101.60	4.60	116.90	100	Red	600	4.14	12.00	304.80	29.00	736.60	150	1.03	2.83	4.21	20017546
5	127.00	5.75	146.04	100	Black			20.00	508.00			150	1.03	4.56	6.79	20015012
6	152.40	6.76	171.68	100	Black			24.00	609.60			150	1.03	5.75	8.56	20015013
				100	Black	600	4.14	24.00	609.60	29.00	736.60	150	1.03	5.74	8.54	20017526
8	203.40	8.98	227.97	50	Black			48.00	1,219.20			150	1.03	10.00	14.88	20192633
				100	Black			48.00	1,219.20			150	1.03	10.00	14.88	20620375