



HI-PER®

Hi-Per Premium FEP Lined Hose – Built for Extreme Performance. Designed to exceed expectations, our Hi-per Premium FEP lined hose features a durable blue EPDM synthetic rubber cover, spiral plied fabric, and double wire helix reinforcement for maximum strength and flexibility. With a temperature rating up to 300°F, it's the ideal solution for high-demand environments where chemical resistance, thermal stability, and rugged reliability are non-negotiable. *Refer to the Continental Chemical Resistance Guide for compatibility.

Performance + Specs

Tube

- Fluorinated Ethylene Propylene (FEP)

Cover

- EPDM (Wrapped Finish)

Reinforcement

- Spiral-Plied Synthetic Fabric
- Double Wire Helix

Temperature Range

- 40°F / -40°C ~ 300°F / 149°C

Design Factor

- 4:1

Packaging

Custom lengths available (minimum 5ft)

100ft increment up to 2" ID

60ft increment above 2" ID

Coupling

- Refer to the Continental Industrial Hose Assembly Manual for crimp specifications.

Branding

CONTINENTAL HI-PER CHEMICAL TEFLON LINED HOSE 200 PSI WP MADE IN CANADA

Hi-Per®

Order Codes: 546-517, 546-256

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	1.01	25.59	50	Blue	800	5.52	3.00	76.20	29.00	736.60	200	1.38	0.40	0.60	20170532
				100	Black			3.00	76.20			200	1.38	0.40	0.59	21144264
				100	Blue	800	5.52	3.00	76.20	29.00	736.60	200	1.38	0.40	0.60	20018637
3/4	19.05	1.27	32.31	50	Blue	800	5.52	5.00	127.00	29.00	736.60	200	1.38	0.56	0.83	20238335
				100	Black			5.00	127.00			200	1.38	0.55	0.81	21144265
				100	Blue	800	5.52	5.00	127.00	29.00	736.60	200	1.38	0.56	0.83	20018639
1	25.40	1.54	39.01	50	Blue	800	5.52	8.00	203.20	29.00	736.60	200	1.38	0.71	1.06	20018641
				60	Blue	800	5.52	8.00	203.20	29.00	736.60	200	1.38	0.71	1.06	20147811
				100	Black	800	5.52	8.00	203.20	29.00	736.60	200	1.38	0.70	1.04	20646885
				100	Blue	800	5.52	8.00	203.20	29.00	736.60	200	1.38	0.71	1.06	20018642
1-1/4	31.75	1.81	45.88	100	Blue	800	5.52	11.00	279.40	29.00	736.60	200	1.38	0.90	1.35	20018644
1-1/2	38.10	2.12	53.82	25	Blue	800	5.52	14.00	355.60	29.00	736.60	200	1.38	1.19	1.78	20130081
				50	Blue	800	5.52	14.00	355.60	29.00	736.60	200	1.38	1.19	1.78	20018646
				100	Blue	800	5.52	14.00	355.60	29.00	736.60	200	1.38	1.19	1.78	20018647
2	50.80	2.68	68.11	50	Blue	800	5.52	18.00	457.20	29.00	736.60	200	1.38	1.68	2.50	20018649
				100	Blue	800	5.52	18.00	457.20	29.00	736.60	200	1.38	1.68	2.50	20018650