

# Flex-Lok HP

## Specifications

April 2011

**Construction:** Single-ply Hypalon coated polyester fabric hose construction mechanically crimped in a continuous process.

**Product Features:**

- Fabric is locked around a coated steel wire by a metal strip formed into a clip
- Metal strip acts as a wearstrip
- Outstanding resistance to external abrasion
- Extremely flexible
- Ideal for venting applications requiring the chemical resistant properties of Hypalon
- Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose

**Applications:** Fume.

**Temperature Range:** -40°F to +275°F

**Sizes I.D. (inches):** 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, and 18. Custom sizes up to 18 Inch ID

**ID Tolerances:** -0.00 to +0.125 Inch

**Standard Length:** 25 feet.

**Standard Colors:** Silver

**End Finish:** Plain cut

**Markets:** Chemical Plants, Exhaust Systems, Fume Exhaust, Garage Exhaust, Pollution Control, Vehicle Exhaust Systems

Specifications and/or prices are subject to change without prior notice.  
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### Technical Data:

Size	Approximate	Min Centerline	Compression	Max Recommended	Max Recommended
Inside Diameter (Inches)	Weight Lbs./ft.	Bend Radius (Inches)	Ratio	Negative Pressure (IN./HG)	Positive Pressure (PSI)
3	0.52	3.51	5 to 1	4.1	11.11
4	0.46	3.28	8 to 1	3.2	5.86
5	0.57	4.09	8 to 1	3	4.7
6	0.6	4.51	10 to 1	2.8	3.93
7	0.62	5.28	10 to 1	2.7	3.8
8	0.8	6.05	10 to 1	2.5	3.67
9	.85	6.82	10 to 1	2.3	3.2
10	.99	7.54	10 to 1	2	2.94
12	1.18	9.03	10 to 1	1.5	2.46

\* Note: Technical data based on 2 ft. straight lengths of hose 72°F.

**Disclaimer:** The proper use and maintenance of the hose and/or duct is the sole responsibility of the purchaser and ultimate user of the product. This information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible. Adequate testing under actual service conditions is necessary to properly establish suitability. We take pride in the quality of all of our products and we welcome comments and suggestions from our customers.

### Pricing:

ID Size Inches	25 ft +	100 ft. +	250 ft. +	500 ft +
3	\$12.53	\$10.90	\$10.33	\$9.40
4	\$18.71	\$16.28	\$15.44	\$14.03
5	\$22.58	\$19.65	\$18.63	\$16.94
6	\$27.78	\$24.17	\$22.92	\$20.84
7	\$29.16	\$25.37	\$24.06	\$21.87
8	\$30.53	\$26.56	\$25.19	\$22.90
9	\$34.90	\$30.36	\$28.79	\$26.18
10	\$39.26	\$34.15	\$32.39	\$29.44
12	\$43.67	\$37.99	\$36.02	\$32.75
14	\$48.21	\$41.94	\$39.77	\$36.16
16	\$57.30	\$49.86	\$47.28	\$42.98
18	\$61.84	\$53.80	\$51.02	\$46.38

All prices quoted above are per linear foot and in USD\$.