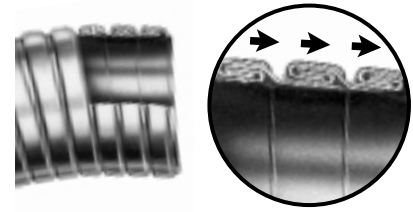


### **EASYFLO** Smooth Bore Lined Interlocked Metal Hoses Galvanized Steel, Stainless Steel, Packed or Unpacked



Universal *EASYFLO* hoses incorporate strip wound interlocked tubing or armor with a flow liner that forms a smooth bore. The tubing or armor is available in four material thicknesses of galvanized steel or type 304 stainless steel. There are three liner thickness options available in four materials for galvanized hose, and two liner materials with type 304 stainless steel hose. All configurations are available unpacked, or packed with a choice of eight packing materials. This broad choice of designs makes it possible to design a hose for vacuum or pressure service, corrosive conditions, and moderate to severe abrasion.

**Table 1: Product Selection Guide**

Basic Part Number	Inside Diameter (inches)	Seal	Hose Material	Hose Thickness (inches)	Liner Thickness (inches)	Liner Material Code
U-100HG-L	2-16	Unpacked	Galvanized Steel	0.015	0.011	1,2,3,4
U-100HG-LH	2-16	Unpacked	Galvanized Steel	0.015	0.015	1,2,3,4
U-100HS-L	2-16	Unpacked	Type 304 S/S	0.015	0.011	3,4
U-100HS-LH	2-16	Unpacked	Type 304 S/S	0.015	0.015	3,4
U-110HG-L	2-16	Packed	Galvanized Steel	0.015	0.011	1,2,3,4
U-110HG-LH	2-16	Packed	Galvanized Steel	0.015	0.015	1,2,3,4
U-110HS-L	2-16	Packed	Type 304 S/S	0.015	0.011	3,4
U-110HS-LH	2-16	Packed	Type 304 S/S	0.015	0.015	3,4
U-120G-L	2-16	Unpacked	Galvanized Steel	0.018	0.015	1,2,3,4
U-120S-L	2-16	Unpacked	Type 304 S/S	0.018	0.015	3,4
U-130G-L	2-16	Packed	Galvanized Steel	0.018	0.015	1,2,3,4
U-130S-L	2-16	Packed	Type 304 S/S	0.018	0.015	3,4
U-120MHG-L	2-16	Unpacked	Galvanized Steel	0.024	0.015	1,2,3,4
U-120MHS-L	2-16	Unpacked	Type 304 S/S	0.024	0.015	3,4
U-130MHG-L	2-16	Packed	Galvanized Steel	0.024	0.015	1,2,3,4
U-130-MHS-L	2-16	Packed	Type 304 S/S	0.024	0.015	3,4
U-120HG-L	3-16	Unpacked	Galvanized Steel	0.028	0.015	1,2,3,4
U-120HG-LH	3-16	Unpacked	Galvanized Steel	0.028	0.018	1,2,3,4
U-120HS-L	3-16	Unpacked	Type 304 S/S	0.028	0.015	3,4
U-120HS-LH	3-16	Unpacked	Type 304 S/S	0.028	0.018	3,4
U-130HG-L	3-16	Packed	Galvanized Steel	0.028	0.015	1,2,3,4
U-130HG-LH	3-16	Packed	Galvanized Steel	0.028	0.018	1,2,3,4
U-130HS-L	3-16	Packed	Type 304 S/S	0.028	0.015	3,4
U-130HS-LH	3-16	Packed	Type 304 S/S	0.028	0.018	3,4

**Table 2: Liner Materials**

Material Code	Materials
1	Galvanized Steel
2	Spring Steel
3	Type 430 S/S
4	Type 304 S/S

**Table 2: Packing Materials**

Packing Code	Materials	Service Temperature
A	Cotton	200°F
B	Synthetic Fiber	650°F
C	Buna N	225°F
D	Silicone	450°F
E	Vinyl	175°F
F	Food Grade Vinyl	175°F
G	Stainless Steel Wire	1200°F
H	Copper Wire	800°F

The service temperatures given are for the packing materials only. The maximum recommended temperature for galvanized hose is 750°F, 1200°F for 304 stainless steel hose.

**Table 4: Wall Thickness/Outside Diameter**

Tubing Configuration	Wall Thickness (inches)	Add for Outside Diameter (inches)
U-100HG-L, U-100HS-L, U-110HG-L, U-110HS-L	0.110	0.220
U-100HG-LH, U-100HS-LH, U-110HG-LH, U-110HS-LH	0.125	0.250
U-120G-LH, U-120S-LH, U-130G-LH, U-130S-LH	0.140	0.280
U-120MHG-L, U-120MHS-L, U-130MHG-L, U-130MHS-L	0.156	0.312
U-120HG-L, U-120HS-L, U-130HG-L, U-130HS-L	0.165	0.330
U-120HG-LH, U-120HS-LH, U-130HG-LH, U-130HS-LH	0.175	0.350

To calculate the outside diameters of the hose add the tabulated value in the right-hand column to the inside diameters in Column 1 of Table 5 on the reverse side of the page.

# Table 5: Bend Radius and Weight Data

Inside Diameter (inches)	Size Dash Number	U-100HG-L, U-100HS-L U-110HG-L, U-110HS-L Medium Weight 0.014"-0.0.016" Strip		U-100HG-LH, U-100HS-LH U-110HG-LH, U-110HS-LH Medium Weight 0.014"-0.0.016" Strip		U-120G-LH, U-120S-LH U-130G-LH, U-130S-LH Light Heavyweight 0.018"-0.020" Strip		U-120MHG-LH, U-120MHS-LH U-130MHG-LH, U-130MHS-LH Medium Heavyweight 0.023"-0.025" Strip		U-120HG-L, U-120HS-L U-130HG-L, U-130HS-L Extra Heavyweight 0.028"-0.030" Strip		U-120HG-LH, U-120HS-LH U-130HG-LH, U-130HS-LH Extra Heavyweight 0.028"-0.030" Strip	
		Minimum Bend Inside Radius (in.)	Wt./Ft. 0.011" Liner (lbs.)	Minimum Bend Inside Radius (in.)	Wt./Ft. 0.015" Liner (lbs.)	Minimum Bend Inside Radius (in.)	Wt./Ft. 0.015" Liner (lbs.)	Minimum Bend Inside Radius (in.)	Wt./Ft. 0.015" Liner (lbs.)	Minimum Bend Inside Radius (in.)	Wt./Ft. 0.015" Liner (lbs.)	Minimum Bend Inside Radius (in.)	Wt./Ft. 0.018" Liner (lbs.)
2	064	11	1.72	12	1.98	13	2.21	15 1/2	2.60				
2 1/4	072	11 1/2	1.94	13	2.23	14	2.48	16	2.93				
2 1/2	080	12 1/2	2.12	14	2.44	15	2.72	18	3.19				
2 3/4	088	14	2.33	15	2.68	16	2.99	19	3.51				
3	096	15	2.52	16 1/2	2.90	18	3.20	21	3.79	23	4.18	24 1/2	4.38
3 1/4	104	15 1/4	2.73	16 3/4	3.14	18 1/4	3.47	21 1/2	4.11	23 1/4	4.53	24 3/4	4.74
3 1/2	112	15 1/2	2.93	17	3.38	18 1/2	3.70	22	4.37	23 1/2	4.83	25	5.07
3 3/4	120	15 3/4	3.13	17 1/2	3.62	19	3.96	22	4.68	23 3/4	5.17	25 1/4	5.43
4	128	16	3.33	18	3.84	19 1/2	4.21	22	4.96	24	5.49	25 1/2	5.76
5	160	20 1/2	3.78	23	4.27	25	4.72	27 1/2	5.67	28	6.31	29 1/2	7.12
6	192	22	4.52	25	5.11	27	5.65	32	6.76	31	7.51	33	8.49
7	224	23 1/2	5.25	26 1/2	5.94	29	6.90	34	7.84	34	8.71	36	9.38
8	256	26	6.10	29 1/2	6.94	32	8.03	37 1/2	9.1	38 1/2	10.09	41	10.69
9	288	32	6.77	36	7.71	39	9.02	42	10.22	44	11.31	46 1/2	11.98
10	320	37	7.51	42	8.56	45 1/2	10.00	47	11.32	48 1/2	12.54	51 1/2	13.28
12	384	45	9.47	50 1/2	10.73	55	11.97	56	13.55	58	14.99	62	15.88
14	448	52	11.03	59	12.49	64	13.93	65 1/2	15.76	68	17.44	72	18.47
16	512	59 1/2	12.59	67	14.26	73	15.90	77	17.98	78	19.90	82 1/2	21.08
1	2	3	4	5	6	7	8	9	10	11	12	13	14

## Ordering Instructions

Refer to Table 1 on the reverse side of the page for your product selection and the basic part number. Table 5 above specifies the bend radius and weight per foot of each configuration. Available liner and packing material options are listed in Tables 2 and 3 respectively.

To order, specify the basic part number (U-100HG-L, U-100HS-L, etc.), include the liner material code after the L or LH (U-100HG-L1, U-100HS-L3, etc.) and the packing material code for packed configurations (U-110HG-L1A, U-110HS-L3A, etc.). The size is identified by the size dash number for Column 2 of Table 5.

**Example:**

*P/N U-100HG-L1-064 specifies 2" inside diameter medium weight unpacked hose with a 0.011" thick galvanized steel liner.*

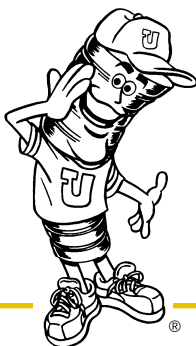
*P/N U-110HS-LH3G-256 specifies 8" inside diameter medium weight packed hose with a 0.015" thick type 430 stainless steel liner and stainless steel wire packing.*

EASYFLO hoses are available in standard lengths, cut lengths and complete assemblies made to your specifications. The following coupling is recommended for use with EASYFLO hose and is available from stock.



**CAM LOCK COUPLER**

EASYFLO assemblies with cam-and-groove style couplings will be supplied with the male coupling on the inlet end, and the female coupling on the discharge end unless otherwise specified.



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