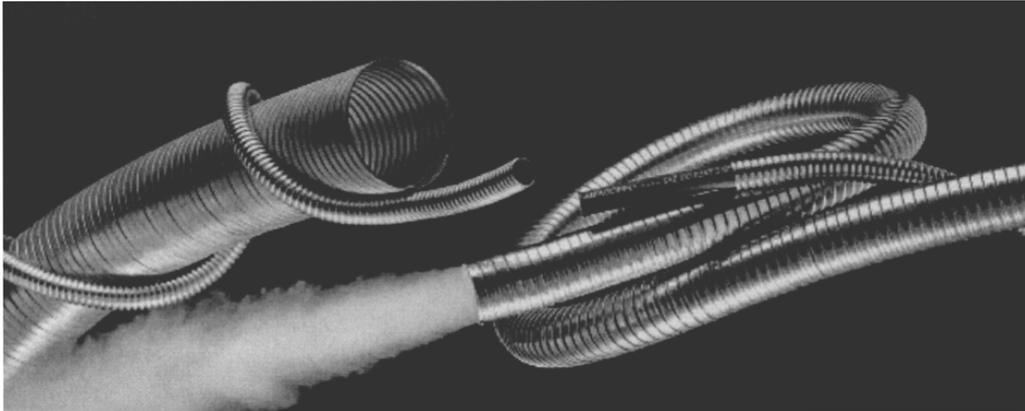


**HT4000 Series Unlined Rough Bore
"Multi-Flex" Interlocked Metal Hose**



Interlocked construction provides a flexible metal hose that offers flexibility, strength and economy.

Construction:

- A single metal strip is formed to create a flexible interlocked metal hose that offers maximum flexibility and strength, as well as superior service life.
- Available in galvanized steel and stainless steel construction, with strip thickness from .010" to .030"¥
- Choice of packing materials to suit most applications.



Unpacked



Packed

Features:

- High strength construction.
- Temperature and corrosion-resistant.
- Flexible...does not restrict movement when installed with other hoses.
- Can be formed and holds its shape, yet is easily moved.
- Available in standard 25' and 50' lengths *extended*.

Applications:

- Non-rigid connections for conveying gases and semi-solid materials.
- Dust and fume collection.
- Ventilation of heaters and general hot air ducting applications.
- Engine exhaust and flexible tail pipe applications.
- Garage fume exhaust collection.
- Hot air blower and suction hose applications.
- Protection armor and shielding.
- Fly ash removal
- Blow out protection for hydraulic and other high pressure hoses.
- Liner for corrugated hose and braid assemblies.
- Steam hose protection.

Maximum Service Temperature:

Stainless Steel: Up to 1800°F Galvanized Steel: Up to 750°F
 Note: Service temperature may vary due to choice of packing material.

Catalog Series Numbers:

HT4000 Series Galvanized Unlined Interlocked Metal Hose (Unpacked):

- HT4100G - Light Weight (.010" - .012" strip thickness)
- HT4150G - Light-Medium Weight (.014" - .016" strip thickness)
- HT4200G - Medium Weight (.018" - .020" strip thickness)
- HT4250G - Heavy Weight (.024" - .026" strip thickness)
- HT4300G - Extra-Heavy Weight (.029" - .031" strip thickness)

HT4000 Series Stainless Steel Unlined Interlocked Metal Hose (Unpacked):

- HT4100S - Light Weight (.010" - .012" strip thickness)
- HT4150S - Light-Medium Weight (.014" - .016" strip thickness)
- HT4200S - Medium Weight (.018" - .020" strip thickness)
- HT4250S - Heavy Weight (.024" - .026" strip thickness)
- HT4300S - Extra-Heavy Weight (.029" - .031" strip thickness)

¥ Note: Consult factor for other metal alternatives and special length requirements.

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS OR DISCONTINUE PRODUCTS WITHOUT PRIOR NOTICE.



HT4000 Series Unlined Rough Bore "Multi-Flex" Interlocked Metal Hose

SPECIFICATIONS (Weights and bend diameters are based on extended hose and are approximate)

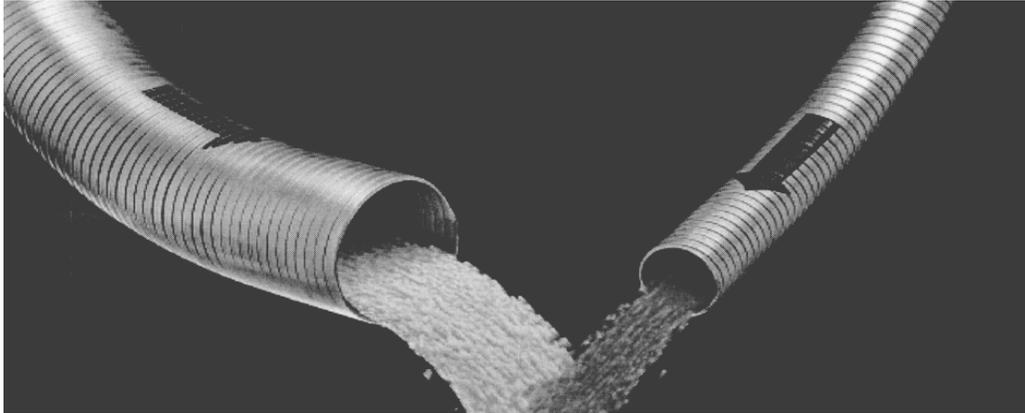
Hose Size I. D. (Inches)	Series & Strip Thickness									
	HT4100G/S .010" - .012"		HT4150G/S .014" - .016"		HT4200G/S .018" - .020"		HT4250G/S .024" - .026"		HT4300G/S .029" - .031"	
	Min. Inside Bend Dia. (In.)	Wt. per foot (lbs.)	Min. Inside Bend Dia. (In.)	Wt. per foot (lbs.)	Min. Inside Bend Dia. (In.)	Wt. per foot (lbs.)	Min. Inside Bend Dia. (In.)	Wt. per foot (lbs.)	Min. Inside Bend Dia. (In.)	Wt. per foot (lbs.)
5/16	2.5	0.10	2.5	0.15	—	—	—	—	—	—
3/8	3.0	0.12	3.0	0.20	—	—	—	—	—	—
1/2	3.5	0.15	4.0	0.25	—	—	—	—	—	—
5/8	4.0	0.20	4.5	0.30	—	—	—	—	—	—
3/4	5.25	0.25	5.625	0.36	—	—	—	—	—	—
7/8	6.0	0.29	6.0	0.40	—	—	—	—	—	—
1	7.0	0.33	7.5	0.45	—	—	—	—	—	—
1 1/8	7.5	0.37	8.0	0.50	—	—	—	—	—	—
1 1/4	8.0	0.41	9.0	0.55	—	—	—	—	—	—
1 3/8	8.5	0.45	10.0	0.60	—	—	—	—	—	—
1 1/2	9.5	0.50	11.0	0.70	12.0	1.00	—	—	—	—
1 5/8	10.0	0.54	11.5	0.75	13.0	1.05	—	—	—	—
1 3/4	10.5	0.58	12.0	0.80	14.0	1.10	—	—	—	—
1 7/8	11.0	0.62	12.5	0.85	15.0	1.20	—	—	—	—
2	12.0	0.70	13.0	0.90	16.0	1.30	18.0	1.60	19.0	2.10
2 1/4	13.5	0.75	14.5	1.10	17.0	1.45	19.0	1.80	20.0	2.20
2 1/2	15.0	0.80	16.0	1.20	18.0	1.60	20.0	2.00	21.0	2.30
2 3/4	17.5	0.90	16.5	1.30	20.0	1.80	22.0	2.15	23.0	2.50
3	20.0	1.00	21.0	1.40	22.0	2.00	24.0	2.30	26.0	2.70
3 1/4	21.0	1.10	22.5	1.50	24.0	2.10	26.0	2.50	27.0	2.95
3 1/2	22.0	1.20	24.0	1.60	25.0	2.30	27.0	2.70	28.0	3.20
4	25.0	1.40	27.0	1.80	29.0	2.60	30.0	3.10	31.0	3.60
4 1/2	28.0	1.50	30.0	2.00	32.0	2.90	34.0	3.50	36.0	4.10
5	30.0	1.70	32.0	2.30	34.0	3.00	36.0	3.90	38.0	4.50
5 1/4	32.0	1.80	34.5	2.40	36.0	3.15	39.0	4.10	41.0	4.75
5 1/2	35.0	1.90	37.0	2.50	39.0	3.30	42.0	4.30	44.0	5.00
6	40.0	2.00	42.0	2.70	44.0	3.60	47.0	4.70	50.0	5.40
6 1/4	41.0	2.10	43.0	2.80	46.0	3.75	49.0	4.90	52.0	5.60
6 1/2	42.0	2.20	44.0	2.95	47.0	3.90	50.0	5.10	53.0	5.80
7	44.0	2.40	46.0	3.20	50.0	4.20	53.0	5.50	56.0	6.30
7 1/4	46.0	2.50	47.5	3.30	52.0	4.30	55.0	5.70	58.0	6.50
7 1/2	48.0	2.60	49.0	3.40	53.0	4.40	56.0	5.85	59.0	6.75
8	50.0	2.70	52.0	3.60	56.0	4.70	59.0	6.20	62.0	7.20
9	52.0	3.0	56.5	4.05	61.0	5.30	64.0	6.60	68.0	7.60
9 1/2	54.0	3.2	59.0	4.25	63.0	5.60	67.0	6.80	71.0	7.80
10	59.0	3.4	61.0	4.50	65.0	5.90	69.0	7.00	74.0	9.00
11	—	—	66.0	5.00	71.0	6.50	75.0	7.40	79.0	9.90
11 1/4	—	—	67.5	5.10	72.0	6.60	76.0	7.50	81.0	10.20
11 1/2	—	—	69.0	5.20	74.0	6.75	77.0	7.60	83.0	10.40
12	—	—	72.0	5.40	76.0	7.00	80.0	7.80	84.0	10.80
14	—	—	100.0	6.30	106.0	8.10	110.0	9.40	115.0	12.60
16	—	—	—	—	121.0	9.20	125.0	11.00	150.0	14.40

Note: Standard Lengths are 25 ft. and 50 ft. coils extended; all other lengths available on request. Aluminum hose available on request.

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS OR DISCONTINUE PRODUCTS WITHOUT PRIOR NOTICE.



**HT5000 Series Lined Smooth Bore
"Smooth Flow" Interlocked Metal Hose**



HT5000's Interlocked Metal Hose combines Hose Tec's single strip interlocked construction with a smooth liner, providing a flexible metal hose that resists material build-up and internal abrasion. Materials flow smoothly in direction shown by arrows.

Construction:

- An armor strip is combined with a strip of liner material and formed to create a lined flexible interlocked metal hose that offers superior strength and abrasion-resistance.
- Available with galvanized steel and stainless steel armor construction, with either galvanized or stainless steel liner, in a variety of weights.¥
- Standard is Type 304. Types 304L, 316, 316L, 321 and 410 stainless steel and aluminum also available.¥

Applications:

- Pneumatic dry bulk unloading of grains, pellets, powders and dry chemicals.
- Ideal hose for general bulk unloading applications.
- Transfer of hot materials (not for hot tar or asphalt).
- Bulk unloading of highly abrasive materials.
- Plastic pellet transfer.

Features:

- Flow indication arrows are provided on each length.
- Galvanized or stainless steel liner provides additional strength and greater resistance to abrasion.
- Smooth liner reduces material degradation and improved unloading time.
- Provides maximum flow rates for pneumatic conveying applications.
- Choice of packing materials to suit most applications.
- Available in standard 25' lengths extended, cut to length, or with attached end fittings.



Unpacked



Packed

Maximum Service Temperature:

Stainless Steel: Up to 1800°F Galvanized Steel: Up to 750°F Aluminum: 400°F

Note: Service temperature may vary due to choice of packing material.

Catalog Series Numbers:

**HT5000 Series Galvanized Lined Interlocked
Hose with Galvanized or SS Liner (Unpacked):**

- HT5150LGG - Lt. Wt. with Galvanized Liner (.015" Armor/.015" Liner)
- HT5150LGS - Lt. Wt. with Stainless Steel Liner (.015" Armor/.015" Liner)
- HT5180LGG - Med. Wt. with Galvanized Liner (.018" Armor/.015" Liner)
- HT5180LGS - Med. Wt. with Stainless Steel Liner (.018" Armor/.015" Liner)

**HT4000 Series Stainless Steel Lined Interlocked
Hose with Galvanized or SS Liner (Unpacked):**

- HT5150LSS - Lt. Wt. with Galvanized Liner (.015" Armor/.015" Liner)
- HT5150LSS - Lt. Wt. with Stainless Steel Liner (.018" Armor/.015" Liner)
- HT5180LSS - Med. Wt. with Galvanized Liner (.025" Armor/.018" Liner)

¥ Note: Consult factor for other metal alternatives and special length requirements.

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Now available . . .

The only full-time swivel coupling in the industry that's available with both female couplers and male adapters.

Full-time swivel female couplers and male adapters for use with flexible metal hoses!

HT5000 SPECIFICATIONS
(Weights & bend diameters are based on extended hose and are approximate)

Hose Size I.D. (Inches)	Series & Strip Thickness					
	HT5150LGG/LGS/LSS .015" Armor/.015" Liner		HT5180LGG/LGS/LSS .018" Armor/.015" Liner		HT5250LSS .025" Armor/.018" Liner	
	Minimum Inside Bend Dia. (Inches)	Weight per foot (lbs.)	Minimum Inside Bend Dia. (Inches)	Weight per foot (lbs.)	Minimum Inside Bend Dia. (Inches)	Weight per foot (lbs.)
1 1/2	11.25	1.10	12.0	1.50	—	—
1 3/4	13.0	1.35	14.0	1.70	—	—
2	15.0	1.60	16.0	1.90	—	—
2 1/4	17.0	1.90	19.0	2.10	—	—
2 1/2	19.0	2.10	21.0	2.30	—	—
2 3/4	21.0	2.30	25.0	2.50	—	—
3	23.0	2.50	28.0	2.80	35.0	3.75
3 1/2	27.0	2.90	30.0	3.20	37.0	4.35
4	30.0	3.40	32.0	3.60	39.0	5.10
4 1/2	34.0	3.75	37.0	4.00	44.0	5.40
5	37.0	4.10	41.0	4.70	48.0	5.60
6	44.0	4.90	49.0	5.60	60.0	6.25
7	53.0	5.80	58.0	6.60	68.0	7.80
8	61.0	6.60	63.0	7.70	74.0	8.80
10	—	—	79.0	9.70	86.0	11.00
12	—	—	94.0	11.70	104.0	13.00
14	—	—	110.0	13.50	120.0	15.50
16	—	—	126.0	15.00	138.0	18.00

- No more twisted, leaking flexible metal hoses.
- Specially-designed Type 316 stainless steel swivel insert is continuously-welded to hose both inside and out . . . provides maximum leak protection and freedom from material build-up.
- Swivel female coupler features aluminum construction and our exclusive investment cast stainless steel LTV™ (Lifetime Warranted) handles . . . 3" & 4" sizes have patented Z-Loc™ locking handles.
- Swivel male adapter available in aluminum or Type 316 stainless steel.
- Available with male adapters or female couplers on both ends . . . or one of each.
- Couplers and adapters available factory-installed or separately, for installation by a local welding shop.



The arrow tells all! Curved or distorted arrows like this one show that the hose has been deformed!

NOTE: Standard coil length is 25 ft. extended other lengths available on request.

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS OR DISCONTINUE PRODUCTS WITHOUT PRIOR NOTICE.

**Industrial
Hose**

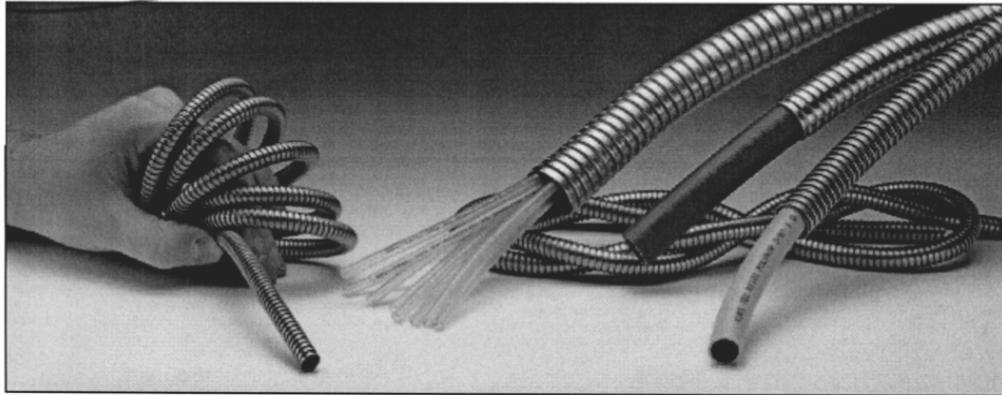


Phone 1-800-989-1770

Fax 1-800-989-1774

www.dfburnham.com

**HT1000 Series Flexible
"Floppy Guard" Interlocked Metal Hose**



For interlocked metal hose applications requiring a more flexible hose, HT1000's unique floppy-type construction allows maximum flexibility.

Construction:

- A single metal strip is loosely interlock-wound to create an extremely flexible interlocked metal hose.
- Available in galvanized steel and stainless steel.

Features:

- Extremely flexible and light weight.
- Wide range of operating temperatures.
- Available in mill run and special cut lengths.

Applications:

- Shielding for wiring where flexibility is important.
- Protective armor for corrugated hose and braid.
- Protective armor for plastic and rubber hoses.
- Beverage dispenser hose armor.

Maximum Service Temperature:

Galvanized Steel: Up to 750°F
304 Stainless Steel: 850°F

Catalog Series Numbers:

HT1100GF — Galvanized — .010" - .012" strip thickness

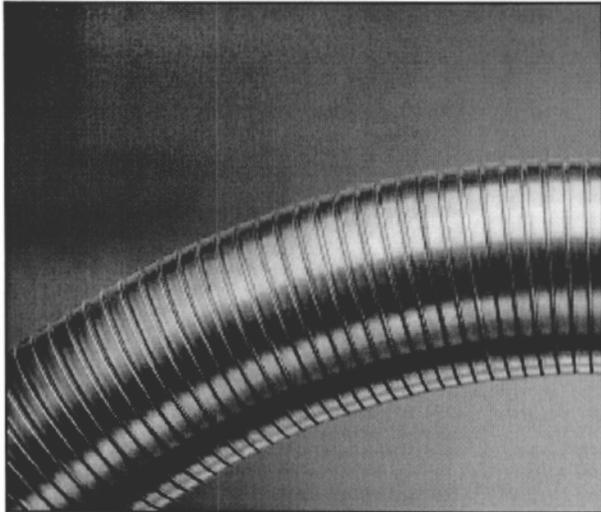
HT1100SF — Stainless Steel — .010" - .012" strip thickness

SPECIFICATIONS (Weights and bend diameters are based on extended hose and are approximate)					
Hose Size I. D. (In.)	HT1100GF/SF		Hose Size I. D. (In.)	HT1100GF/SF	
	Min. Inside Bend Dia. (In.)	Wt. per foot (lbs.)		Min. Inside Bend Dia. (In.)	Wt. per foot (lbs.)
$\frac{3}{16}$	1.5	.08	1 $\frac{1}{2}$	12.0	.48
$\frac{1}{4}$	2.0	.10	1 $\frac{5}{8}$	13.0	.52
$\frac{5}{16}$	2.5	.12	1 $\frac{3}{4}$	14.0	.58
$\frac{3}{8}$	3.0	.14	1 $\frac{7}{8}$	15.0	.62
$\frac{1}{2}$	4.5	.16	2	16.0	.66
$\frac{5}{8}$	5.5	.18	2 $\frac{1}{4}$	19.0	.76
$\frac{3}{4}$	6.0	.20	2 $\frac{1}{2}$	☞	☞
$\frac{7}{8}$	7.0	.23	2 $\frac{3}{4}$	☞	☞
1	7.5	.28	3	☞	☞
1 $\frac{1}{8}$	9.0	.32	3 $\frac{1}{4}$	☞	☞
1 $\frac{1}{4}$	10.0	.36	3 $\frac{1}{2}$	☞	☞
1 $\frac{3}{8}$	11.0	.42	4	☞	☞

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS OR DISCONTINUE PRODUCTS WITHOUT PRIOR NOTICE.



HT2000/HT3000 Series Heavy Duty Interlocked & Convulted "Flue-Saver" Chimney Liners



HT2000 Series Heavy Duty Stripwound Interlocked Chimney Liner

Stripwound interlocked construction provides a heavy duty flexible metal hose that offers flexibility, strength and long service life.

HT2000 Construction:

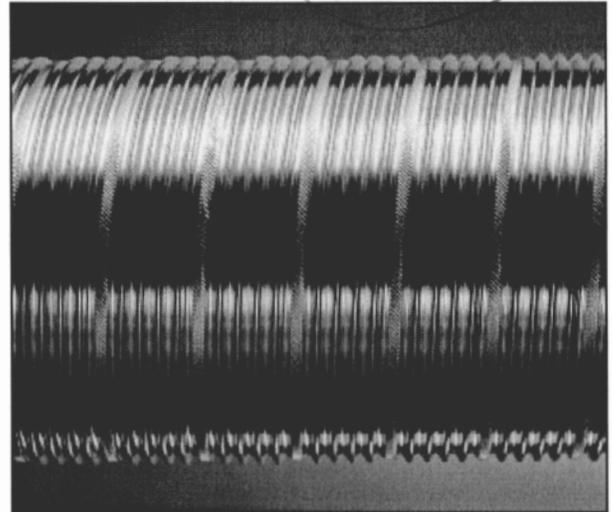
- A single metal strip is formed to create a flexible leak-proof interlocked metal hose that offers maximum flexibility, strength and resistance to corrosion, as well as superior service life.
- Standard is Type 304. Also available in Types 304L, 316, 316L and AL29-4-C stainless steel.

Features:

- Non-combustible...will not ignite or support combustion.
- Temperature, weather and Corrosion-resistant.
- Can be bent, straightened and re-bent.
- High crush-resistance.

Applications:

- Chimney relining.
- Fume hood exhaust.
- Industrial and commercial dryer vents.

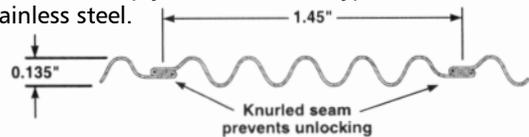


HT3000 Series Convulted Chimney Liner

- A single metal strip is corrugated and helically-wound to form a flexible gas-tight metal hose that offers flexibility, light weight and resistance to corrosion.

HT3000 Construction:

- Available in 2-ply aluminum and Types 316L and AL29-4-C stainless steel.



- Good air-handling characteristics...low friction loss and minimal air leakage.
- Available in standard 25' lengths (extended). Cut lengths also available.
- Available ovalized, square or rectangular as an option...specify major and minor dimensions.

- Oven, kiln and calciner exhaust.
- Garage fume exhaust collection.
- Fresh air supply for air intake.
- Temporary spot air conditioning ducts.

Maximum Service Temperature:

Stainless Steel: Up to 1800°F Aluminum: 400°F

Catalog Series Numbers:

HT2000 Series heavy duty stripwound chimney liner:

- HT2150S - Light-Medium Weight (.014" - .016" strip thickness) 304 SS
- HT2200S - Medium Weight (.018" - .020" strip thickness) 304 SS

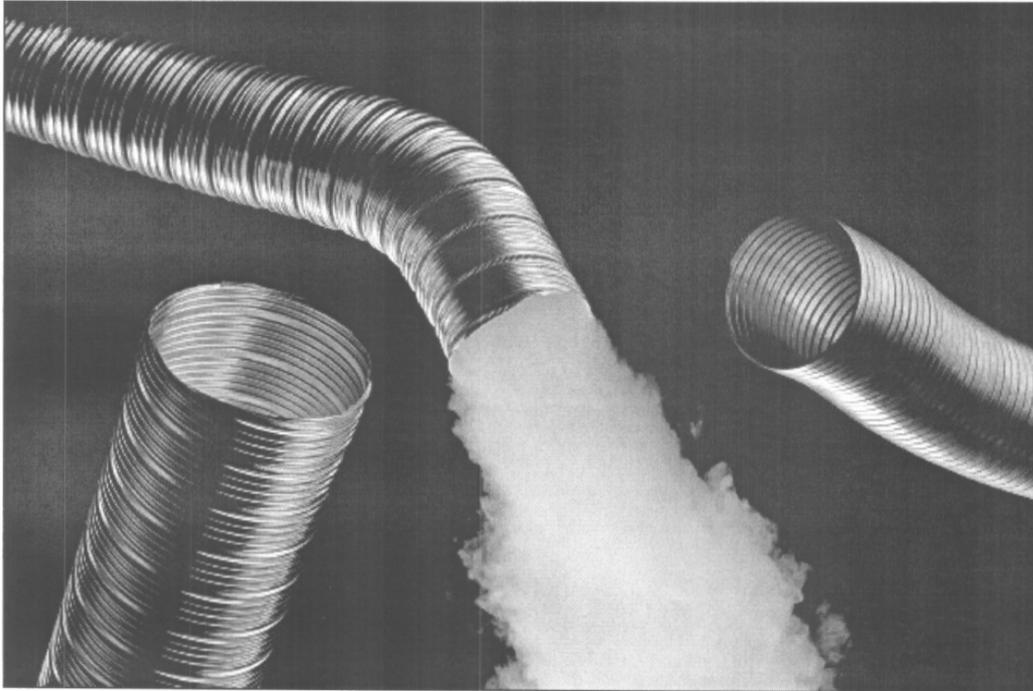
HT3000 Series convulted chimney liner:

- HT3007S - Light-weight (.006" - .007" strip thickness) 316L SS
- HT3008S - Light-weight (.007" - .008" strip thickness) aluminum
- HT3006S - Light-weight (.005" - .006" strip thickness) AL29-4-C SS

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS OR DISCONTINUE PRODUCTS WITHOUT PRIOR NOTICE.



HT2000/HT3000 Series Heavy Duty Interlocked & Convuluted "Flue-Saver" Chimney Liners



SPECIFICATIONS (Weights and bend diameters are based on extended hose and are approximate)

Hose Size I. D. (Inches)	Series and Strip Thickness									
	HT3008A .007" - .008" Aluminum		HT3006S .005" - .006" AL29-4-C SS		HT3007S .006" - .007" SS		HT2150S .014" - .016"		HT2200S .018" - .020" SS	
	Minimum Inside Bend Dia. (Inches)	Weight per foot (lbs.)	Minimum Inside Bend Dia. (Inches)	Weight per foot (lbs.)	Minimum Inside Bend Dia. (Inches)	Weight per foot (lbs.)	Minimum Inside Bend Dia. (Inches)	Weight per foot (lbs.)	Minimum Inside Bend Dia. (Inches)	Weight per foot (lbs.)
3	4.5	.15	6.0	.35	6.0	.40	21.0	1.40	22.0	2.00
3 1/2	5.2	.17	7.0	.40	7.0	.45	24.0	1.60	25.0	2.30
4	6.0	.20	8.0	.45	8.0	.50	27.0	1.80	29.0	2.60
4 1/2	6.8	.22	9.0	.50	9.0	.58	30.0	2.00	32.0	2.80
5	7.5	.25	10.0	.55	10.0	.63	32.0	2.30	34.0	3.00
5 1/2	8.2	.27	11.0	.60	11.0	.70	37.0	2.50	39.0	3.30
6	9.0	.28	12.0	.65	12.0	.75	42.0	2.70	44.0	3.60
7	10.5	.33	14.0	.75	14.0	.86	46.0	3.20	50.0	4.20
8	12.0	.38	16.0	.85	16.0	1.00	52.0	3.60	56.0	4.70
9	13.5	.40	18.0	1.00	18.0	1.15	56.5	4.05	61.0	5.30
10	15.0	.45	20.0	1.10	20.0	1.27	61.0	4.50	65.0	5.90
12	18.0	.54	24.0	1.30	24.0	1.50	72.0	5.40	76.0	7.00
14	21.0	.63	28.0	1.50	28.0	1.73	100.0	6.30	106.0	8.10
16	24.0	.72	32.0	1.75	32.0	2.00	—	—	121.0	9.20
18	27.0	.81	36.0	2.00	36.0	2.30	—	—	☎	☎
20	30.0	.90	40.0	2.20	40.0	2.50	—	—	☎	☎
22	33.0	1.00	44.0	2.42	44.0	2.75	—	—	☎	☎
24	36.0	1.10	48.0	2.64	48.0	3.00	—	—	☎	☎

NOTE: Standard lengths are 25 ft. **extended**. Cut lengths available on request.
☎ Telephone factory for availability.

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