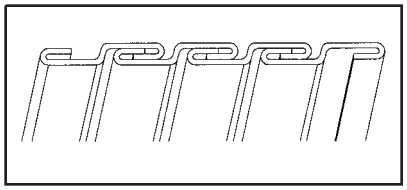
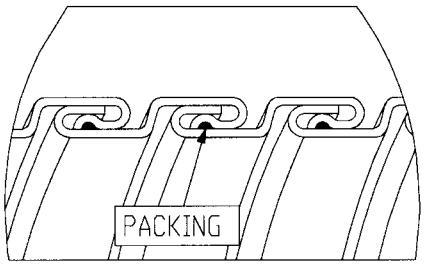
Stripwound Metal Hose *(Products)*

INTERFLEX



Interflex is Hose Master's general-purpose interlocked metal hose which is used to convey air, exhaust, and a variety of solid materials. (Interflex hose should not be used with products that can be damaged when conveyed through a roughbore hose.) It is constructed from a single strip of metal that is profiled and locked onto itself. The interlocked, or overlapping, sections of strip are able to slide back and forth, thus providing the ability to flex.



Packed Interlocked Hose

Explanation of ***Interflex*** Part Numbers:

IN _____ _____

Strip Thickness | Material Code

Strip Thicknesses:
10 - Extra Light Weight
15 - Light Weight
18 - Medium Weight
20 - Medium Weight (Aluminum only)
25 - Heavy Weight
30 - Extra Heavy Weight

Material Codes:
AL - Aluminum
GS - Galvanized Steel
SS - Stainless Steel (Consult Factory)

	IN 10 ____ GS or SS		IN 15 ____ GS or SS		IN 18 ____ GS or SS		IN 25 ____ GS or SS		IN 30 ____ GS Only		IN 20____ AL Only	
Inside Diam. (in.)	*Wt. Per Ft. (lbs.)*	*Min Bend Radius (in.)*	*Wt. Per Ft. (lbs.)*	*Min. Bend Radius (in.)*	*Wt. Per Ft. (lbs.)*	*Min. Bend Radius (in.)*	*Wt. Per Ft (lbs.)*	*Min. Bend Radius (in.)*	*Wt. Per Ft. (lbs.)*	*Min. Bend Radius (in.)*	*Wt. Per Ft. (lbs.)*	*Min. Bend Radius (in.)*
1 1/2	0.5	6	0.7	7	0.9	7	1.3	8				
2	0.7	8	1.0	9	1.1	9	1.7	10	2.0	11		
2 1/2	0.8	10	1.2	11	1.4	11	2.1	12	2.5	13		
3	1.0	11	1.4	12	1.6	13	2.5	15	2.9	15	0.7	15
3 1/2	1.1	13	1.6	14	1.9	15	2.8	17	3.4	18	0.8	17
4	1.2	15	1.8	16	2.2	17	3.2	19	3.8	20	0.9	19
4 1/2	1.4	17	2.0	18	2.4	19	3.6	21	4.3	22	1.0	21
5	1.5	19	2.2	20	2.7	21	4.0	24	4.7	25	1.1	24
6	1.8	22	2.7	24	3.2	25	4.7	28	5.6	29	1.3	28
7			3.1	28	3.7	30	5.5	33	6.5	34	1.5	33
8			3.5	32	4.2	34	6.2	37	7.4	39	1.8	37
9			3.9	35	4.7	38	7.0	42	8.3	43	2.0	42
10			4.4	39	5.2	42	7.7	46	9.2	48	2.2	46
11					5.7	46	8.5	51	10.1	53	2.4	51
12					6.2	50	9.3	55	11.0	57	2.6	55
13					6.7	54	10.0	60	11.9	62	2.8	60
14					7.2	58	10.8	64	12.8	67	3.0	64
15					7.7	62	11.5	69	13.7	71	3.2	69
16					8.2	66	12.3	73	14.6	76	3.4	73

Notes: Other diameters are available upon request. For packed hose add 10% to both weight per foot and minimum bend radius. Minimum bend radius is measured from the centerline of the hose.

Available Packings

Packing Type	*Features*	*Max Temp.*
Low-Temp Elastomeric	Max Pressure and Vacuum	200°
High-Temp Elastomeric	Max Pressure and Vacuum	400°
Low-Temp Fiber	Economical	180°
High-Temp Fiber	High-Temp. Filament	1000°
Metal	Extreme Temp.	800° - 1200°

When to Consider Packing:
Interlocked metal hose, by the nature of its construction, is not pressure tight. However, pressure and media infiltration through the interlocked wall can be minimized by the insertion of one of a variety of packings into the wall during hose manufacturing. Packing consists of a continuous cord or strand of elastomer, or other material which is locked into a special channel between the interlocked hose wall layers. The choice of packing material is tailored to the demands of the specific application.