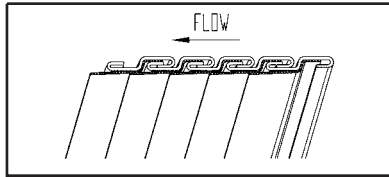
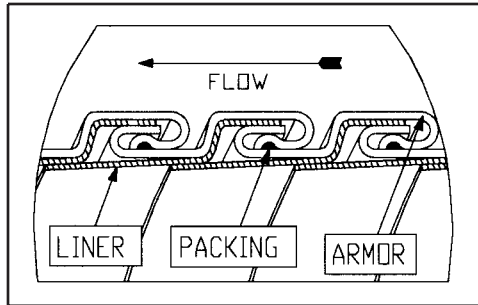


# Stripwound Metal Hose (Products)

## ULTRAFLEX



**Ultraflex** is Hose Master's smoothbore lined hose. It is constructed from two strips of metal that form a durable armored hose and a smooth, abrasion-resistant metal liner (see drawing). The liner protects the product being conveyed from damage that can be caused by a rough interior. Ultraflex is ideal for pneumatic and dry bulk conveying. A directional arrow on the hose indicates flow direction for optimum performance.



Explanation of **Ultraflex** Part Numbers:

UF		
Armor Material	Armor Strip	Liner Material
<b>Armor Materials:</b> A - Aluminum G - Galvanized Steel S - Stainless Steel (Consult Factory)	<b>Armor Strips:</b> 15 - Light Weight 18 - Medium Weight 20 - Medium Weight (AL only) 25 - Heavy Weight	<b>Liner Materials:</b> S - Stainless Steel (consult Factory) C - Carbon Steel

Inside Diam. (in.)	UF (G/S) 15 (C/S)		UF (G/S) 18 (C/S)		UF (G/S) 25 (C/S)		UFA 20 (C/S)	
	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	1.2	7	1.3	8				
2	1.6	9	1.7	10				
2 1/2	1.9	11	2.2	12				
3	2.3	13	2.6	14	3.2	18		
3 1/2	2.6	15	3.0	16	3.7	21		
4	3.0	17	3.4	18	4.2	23	2.1	23
4 1/2	3.4	19	3.8	21	4.7	26	2.3	26
5	3.7	21	4.2	23	5.2	29	2.6	29
6	4.5	25	5.0	27	6.2	34	3.1	34
7	5.2	29	5.8	32	7.2	40	3.6	40
8	5.9	33	6.6	36	8.2	45	4.1	45
9	6.6	37	7.4	40	9.2	51	4.6	51
10	7.4	40	8.2	45	10.2	56	5.1	56
11			9.0	49	11.2	62		
12			9.8	53	12.2	67		
13			10.6	58	13.2	73		
14			11.4	62	14.2	78		
15			12.2	66	15.2	84		
16			13.1	71	16.2	89		

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.

### 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.

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°

Stripwound Metal Hose

