

STRIPWOUND HOSE



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How it's manufactured . . .

Stripwound Hose is manufactured by spirally winding a pre-formed continuous strip of metal so that the edges interlock to form hose. Clearance at the joined edges permits flexibility. Packing fed into a pre-formed groove during manufacture makes this type of hose suitable for moderate pressure applications. Addition of wire braid covering increases pressure rating. Corrugated Hose is more suitable for applications involving frequent flexure while under pressure or vacuum.

Fully-Interlocked (as Type UI) has an "S" shaped interlocking profile. Fully-Interlocked hose is mechanically stronger than Square-Locked. It is generally made without packing. Uses include low pressure ducting, as exhaust, and protective conduit.



SMOOTH BORE TUBING



Scientifically designed to provide smooth-flowing, flexible transmission of grain, dust, slag, insulation and other granular material. Precision-made of galvanized or stainless steel in sturdy interlocked construction. It is reinforced with an inner lining of strip metal. The method of manufacture allows material to flow easily through without any obstructing edges, reduces friction to a minimum — helps eliminate clogging.

For immediate delivery and maximum economy choose one of the standard types listed in this catalog.

GENERAL DATA

Interlocked hose is available in many sizes, types, and materials. Special variations other than the types shown on the following pages can be manufactured to meet your requirements.

SIZE RANGE— $\frac{5}{32}$ " I.D. to 12" I.D.

CONSTRUCTION—Square locked and fully interlocked.

AVAILABLE METALS—Bright steel, galv. steel, brass, bronze, Type 302, T 304, T 321, stainless steel, aluminum and others.

METAL THICKNESS—.008 to .060 inches

PACKING—Asbestos, copper and stainless steel wire.

COUPLINGS—Standard pipe couplings and nipples can be brazed, soldered or welded. Couplings to customer's special design can also be attached by various methods.

APPLICATIONS—Truck exhaust
Ventilating ducting
Tractor exhaust
Suction hose
Voice tubing
Conveying sawdust and grain
Engine exhaust
Air intake
Protective armor or guard

Grease hose
Oil lines
Lubricating hose
Steam hose
Water lines
Air hose
Utility hose
Other non-searching liquids

Stainless Steel TYPE UI Galvanized Steel

Type UI is a lightweight, four-walled tubing without packing in the joints, but can be supplied with light cotton cord or asbestos packing for special services. It is used for conveying air, smoke, gases, etc., or as a conductor of any light, dry material. Uniformly flexible, Type UI bends readily to practically any position, and because of its fully-interlocked construction cannot spring open or become unwound. It is also available in brass, bronze, Monel and aluminum.



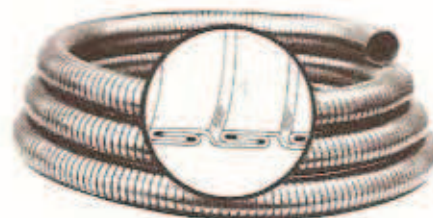
Standard Weight, unpacked—.010"-.012" strip.

Inside Diameter Inches	Approx. Outside Dia. Inches	Minimum Inside Dia. Bend, Inches	Approx. Weight Per Foot, Lbs.
1/2	5/8	5	.14
5/8	3/4	5 1/2	.17
3/4	7/8	6	.20
7/8	1	6 3/4	.25
1	1 1/8	7 1/4	.28
1 1/8	1 1/4	8	.30
1 1/4	1 3/8	9	.34
1 3/8	1 1/2	10	.38
1 1/2	1 5/8	11	.42
1 5/8	1 3/4	12	.47
1 3/4	1 7/8	13	.52
1 7/8	2	14	.57
2	2 1/8	15	.62
2 1/8	2 1/4	16	.67
2 1/4	2 3/8	17	.72
2 3/8	2 1/2	18	.77
2 1/2	2 5/8	19	.82
2 5/8	2 3/4	20	.87
2 3/4	2 7/8	21	.92
2 7/8	3	22	.97
3	3 1/8	23	1.02
3 1/8	3 1/4	24	1.08
3 1/4	3 3/8	25	1.14
3 3/8	3 1/2	26	1.20
3 1/2	3 5/8	27	1.26
3 3/4	3 7/8	28	1.32
4	4 1/16	30	1.38
4 1/4	4 7/16	32	1.44
4 1/2	4 1 1/16	34	1.55
5	5 1/16	37	1.70
6	6 3/16	44	2.00
7	7 3/16	52	2.50
8	8 3/16	60	3.00
10	10 3/16	75	4.50

NOTE: Standard Lengths 25/50 Foot Coils.

APPLICATIONS:

- Suction and blower hose . . . dust and fume collectors, ventilating and blow-pipe systems.
- Agricultural dusters and fog sprayers.
- Armoring and shielding conduit . . . electrical wiring, refrigeration supply lines.
- Hot air duct . . . industrial and domestic space heaters.
- High velocity air conditioning systems.
- Hot air heater connections.
- Flexible spouts—oil dispensers.
- Bendable tail pipes.
- Bendable exhaust pipes.
- Garage exhaust fume collectors.



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SMOOTH BORE INNER LINED



1. Fittings — Welded nipples, floating and fixed flanges available.
2. Outer tubing can also be furnished in stainless steel.
3. Direction of flow indicated by direction of flow label attached to assemblies or cut lengths before shipping.

Speed the handling of dry materials with the smooth, inner-surface of FLEX-WOUND-Lined Hose. Liner is permanently fixed to interlocked hose at time of manufacture. Outer tube is normally made of heavy gauge electro-galvanized strip . . . liner can be made of electro-galvanized steel for handling low abrasive materials . . . liner of stainless steel for handling more highly abrasive materials.

Stainless steel outer tube with stainless steel inner liner is also available.

USES: Streamlines transfer time in the handling of such dry granular materials as grain, rice, fertilizers, cement, chemicals, crystal flakes, etc.

FLEX-WOUND-LINED SPECIFICATIONS

I. D. (APPROX.) (inches)	O. D. (APPROX.) (inches)	BENDING RADIUS (APPROX.) (inches)	WEIGHT PER FOOT (APPROX.) (pounds)
3	3 1/2	25	2.6
3 1/2	3 3/4	26	3.0
4	4 1/2	27	3.5
5	5 1/2	28	4.5
6	6 1/2	30	5.5
8	8 1/2	36	7.2
10	10 1/2	58	11.0