



Comflex Industrial Co.,Ltd

We make all kinds of flex-related products, such as flexible metal hoses, expansion joints, PTFE hoses, gas hose, exhaust pipe/interlock hose, braidings, hose fittings, etc...We are lead manufacturer of flex-related products in China.



Introduction



Comflex Industrial Co.,Ltd makes all kinds of flex-related products, such as flexible metal hoses, expansion joints,PTFE hose,exhaust pipe/interlock hose,braidings, hose fittings,etc..We are lead manufacturer of flex-related products in China.

We supply metal hose and braid with the widest selection of products ranging from braided hose for value oriented customers to super flexible hoses to ultra-high pressure and high temperature hoses that satisfy industry's most demanding applications. Working closely with customers and suppliers helps us build quality products that meet or exceed compatibility and functional requirements, safety and environmental standards and deliver dependable, repeatable performance and value.

Our metal hose and braid is offered in a variety of different alloys that meet or exceed even the most stringent service conditions that industry demands.

All kinds of expansion joints for different applications are available,such as metal expansion joints, fabric expansion joint,rubber expansion joints.

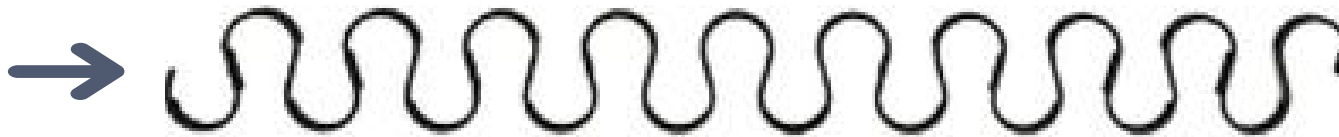
Flexible Metal Hose

Different Type of Metal Hose

- “U” type I. Mechanical hose forming machine (gas/water/sprinkle hose)



- “Ω” type Elastomer hose forming machine



- Helical Hose/Spiral Hose



Parameter of metal hose

DN	ID	OD	Pitch distance	Thickness	WeightKG/M
6	5.64	10.8	1.8	0.18	0.14
10	9.64	15.2	2	0.18	0.16
12	11.6	18	3	0.2	0.17
15	14.4	21.5	3.5	0.3	0.28
18	17.4	25.5	3.5	0.3	0.34
20	19.4	27	4.5	0.3	0.38
25	24.4	32.5	5	0.3	0.46
32	31.4	40	5.5	0.3	0.6
40	39.4	50	6	0.3	0.75
50	49.4	63	7.5	0.3	0.9
65	64.4	81	9	0.3	1.2
80	79.2	98	10.5	0.4	2
100	99.2	120	13	0.4	2.6
125	124	150	14.5	0.5	3.9
150	149	180	17.5	0.5	4.3
200	198.8	240	24	0.6	6.8
250	248.4	300	28	0.8	11
300	298	355	33.5	1	17.5
350	348	410	35	1	20
400	397.6	460	40	1.2	25
450	447.6	489	45	1.2	29
500	497.6	545	45	1.2	33.5
600	597.6	650	50	1.2	40.5

Industrial Metal Hose



Industrial Metal Hose



Industrial Metal Hose



Gas Hose



Parameter of Braids

DN	Parameter of w	OD	No.of wires	No.of carries	WeightKG/M
6	0.3	11.4	5	24	0.15
10	0.3	16	6	24	0.16
12	0.3	21.5	8	24	0.18
15	0.3	24	8	36	0.24
18	0.3	28	8	36	0.3
20	0.3	31	9	36	0.33
25	0.3	37	11	36	0.4
32	0.3	46	12	36	0.6
40	0.3	56	12	36	0.8
50	0.4	67	12	64	1
65	0.4	87	12	64	1.4
80	0.4	105	15	64	1.7
100	0.4	125	12	96	1.9
125	0.5	159	13	96	3.5
150	0.5	184	14	96	4
200	0.5	250	16	120	5.2
250	0.5	300	17	手工140	7
300	0.5	310	18	144	9



Flexible metal hose with braids/Braided Metal Hose

- braids can be 1,2,3 layer, it depends on working pressure



Flexible metal hose with all kinds of fitting

- Hose with NPT Male fitting NPT



- Hose with NPT Female fitting



Flexible metal hose with all kinds of fitting

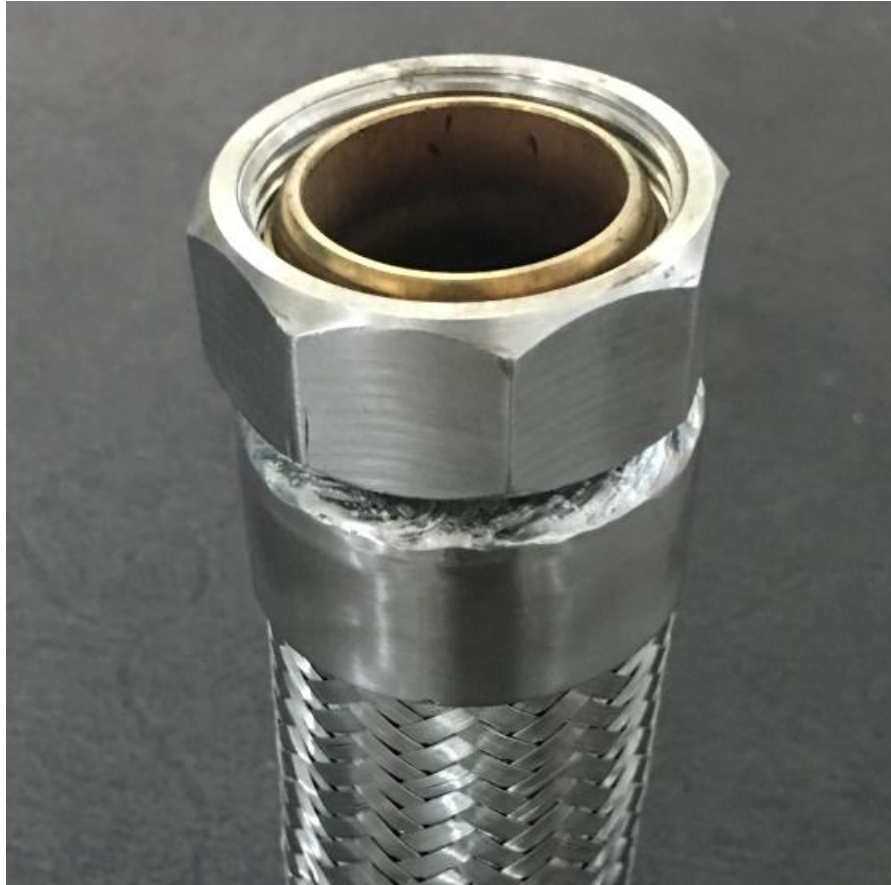


Flexible metal hose with all kinds of fitting

- Hose with BSP Male fitting



Type of fitting



Type of fitting



Flexible metal hose with all kinds of fitting

- Hose with flange



Flexible metal hose with all kinds of fitting

metal hose with elbow



Shape of flange

- Welding neck flange
- Slip-on flange
- Socket-welding flange
- Threaded flange
- Lapped joint flange
- Reducing flange
- Blind flange
- Flange scaling face
- Flat face
- Raised face
- Male and female face
- Female face
- Male face
- Ring joint face
- Tongue and groove face
- Tongue face
- Groove face



Some questions for flange

- Size of flange
- Standard of flange (ASME,EN,GB,GOST etc.)
- Nominal Pressure(PN/Mpa)
- Material of flange (ss304,ss321,ss316 or carbon steel)
- One side is floating flange, the other side is fixed flange?



FAQ for metal hose

- **We need to know following information to quote you correct items:**
- Size range
- Material(ss304,ss321,ss316 etc)
- Working pressure,we can know how many layers of braids you need
- Do you need fitting?if yes, please send us technical drawing picture and material of fitting.
- Do you need pipe end? Please let us know ID,OD,Length,Material of pipe end
- Length
- quantity



PTFE Hose

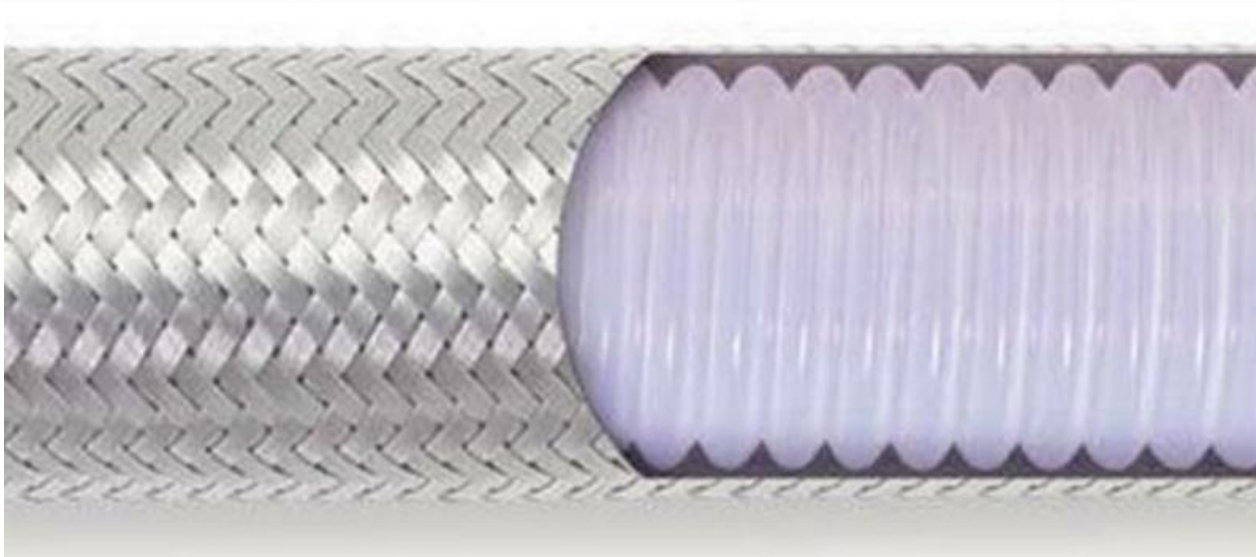
PTFE Hose(Type of hose)



PTFE Hose(Type of hose)



Flat PTFE hose with braids



Corrugated PTFE hose with braids

PTFE Hose with flange



Expansion Joint

Metallic Expansion joint



PTFE Expansion joint



FAQ for Expansion joint

We need to know following information to quote you correct items:

- 1.technical drawing
- 2.Size range
- 3.Material(ss304,ss321,ss316 etc)
- 4.design Working pressure
- 5.movement
- 6.Connection: Welding pipe ends or flange (ANSI, DIN, JIS,BS, AS,GOST, etc..)
- 7.quantity

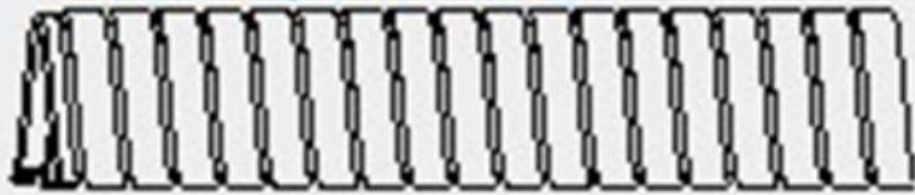


Flexible Metal Conduit

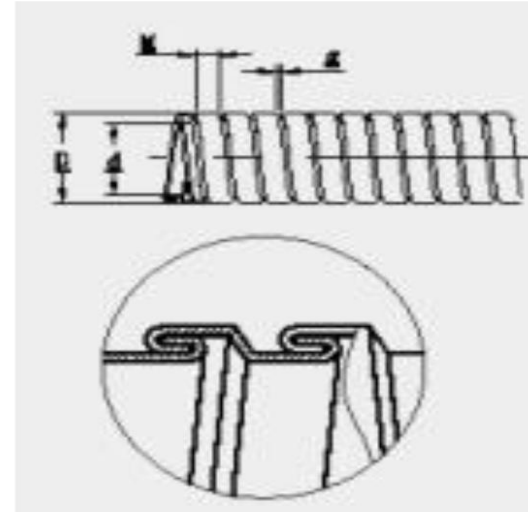
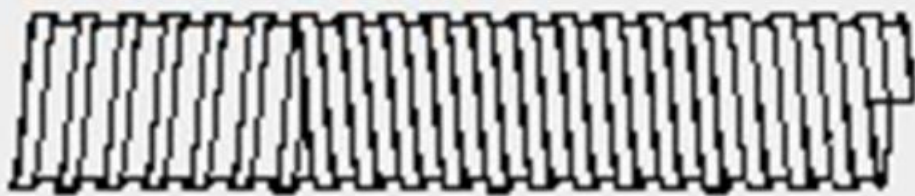
Flexible metal conduit

Shape of conduit

单扣型/Squarelock



双扣型/Interlock



Flexible metal conduit

interlock conduit

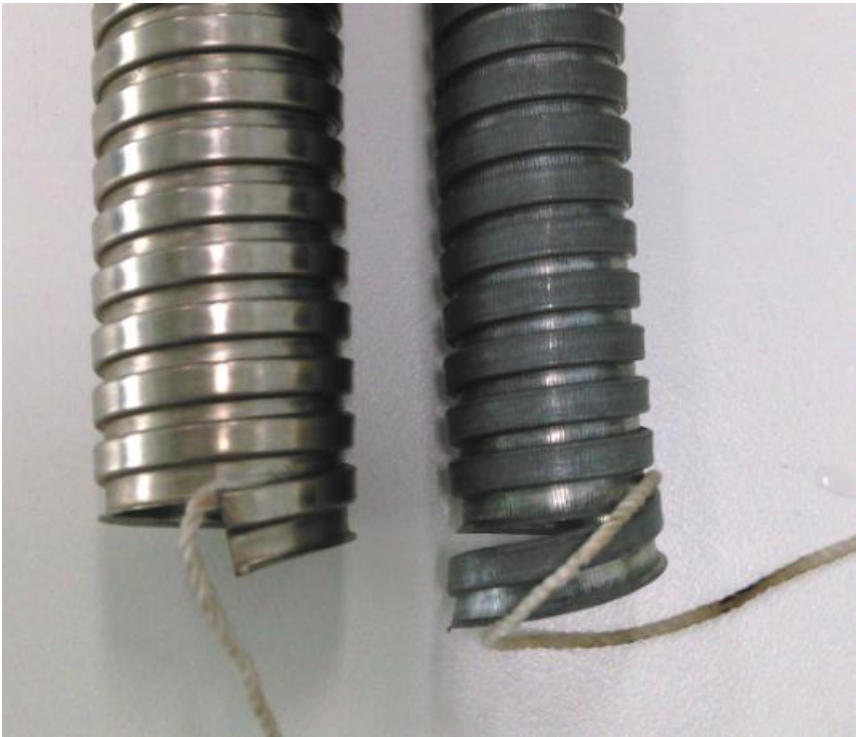


squarelock conduit



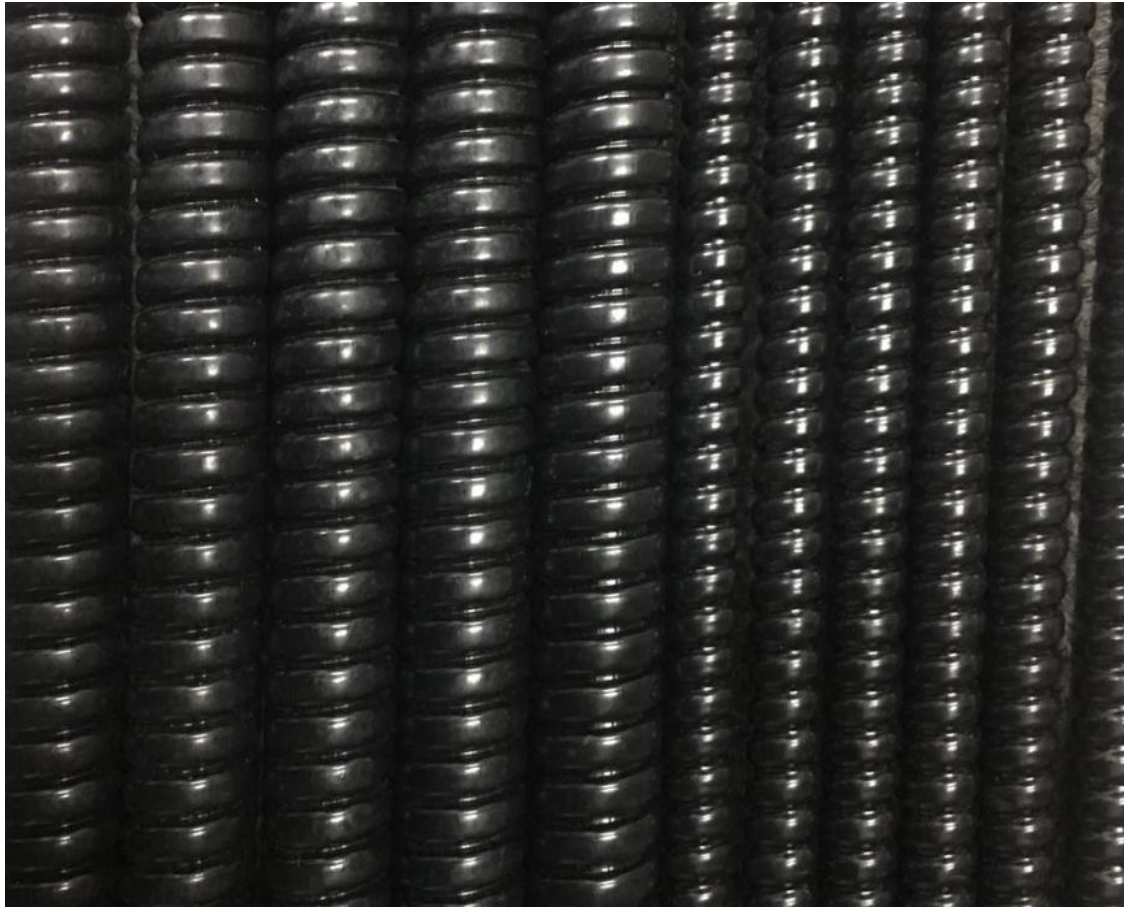
Flexible metal conduit

conduit with yarn



Flexible metal conduit

conduit with PVC jacket



PVC Coated Interlock Hose

waterproof conduit



Flexible metal conduit



Package



FAQ for conduit

- 1.Size of the flexible conduit
- 2.Material of the conduit, we supply only stainless steel flexible conduit
- 3.Structure of the flexible conduit/ interlock or square lock
- 4.PVC coated or not?
- 5.Quantity/how many meters?

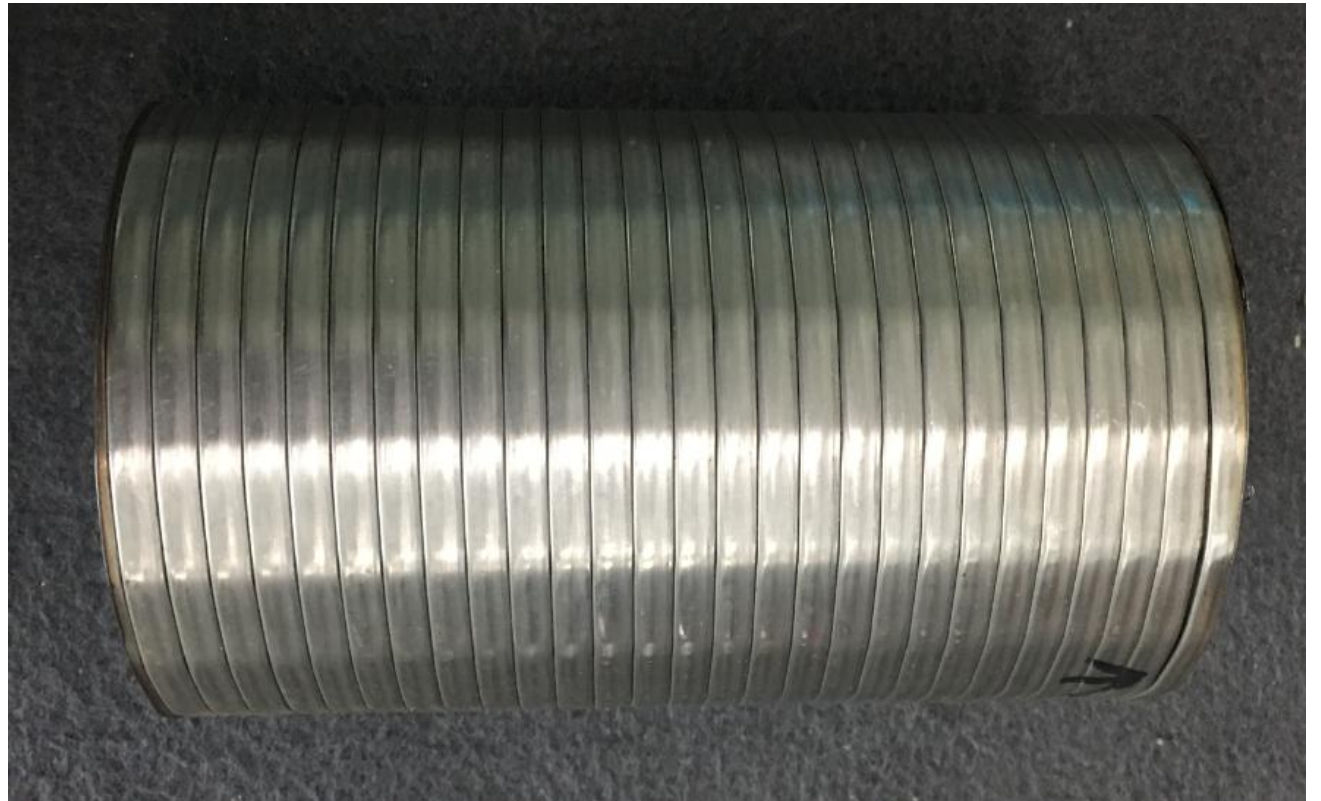
Interlock hose/Exhaust Pipe

Interlock Hose

Round Interlock Hose



Polygonal Interlock Hose

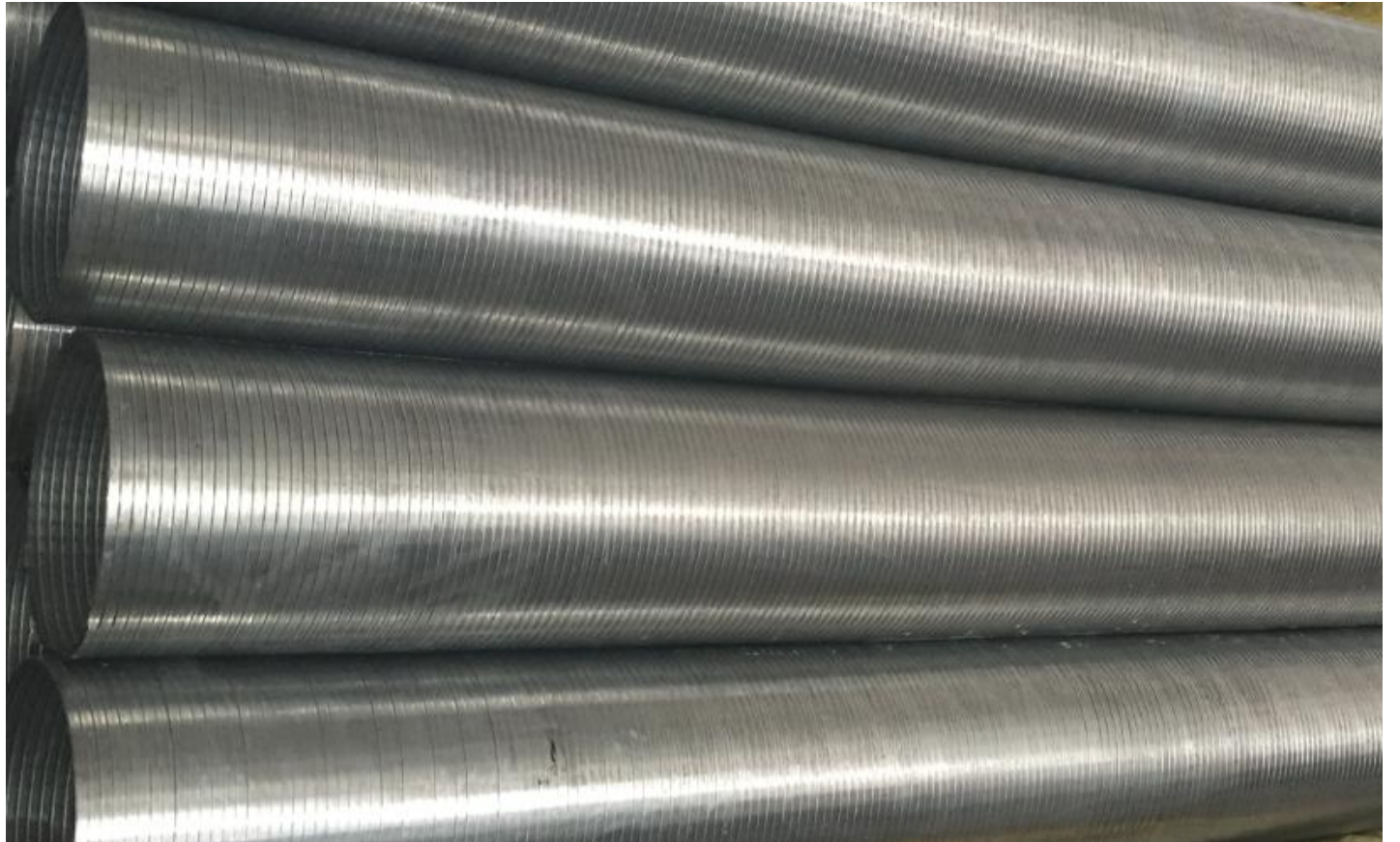


Interlock Hose

galvanized interlock hose



stainless steel interlock hose



Application of Interlock Hose

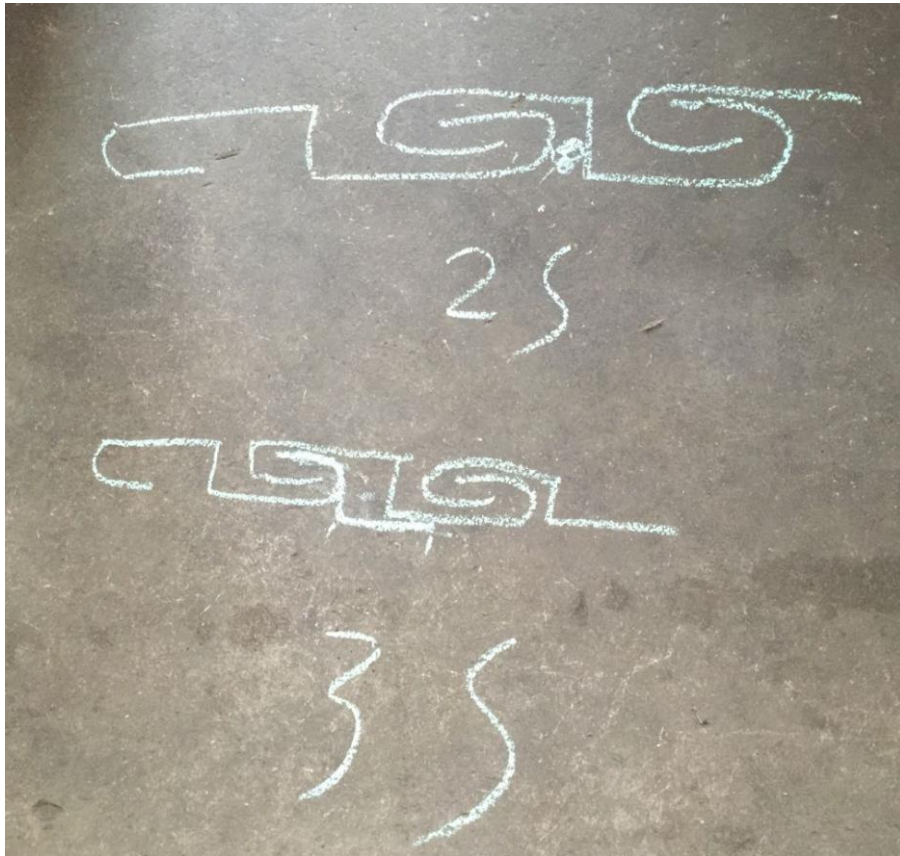


Application of Interlock Hose



Interlock Hose Structurer

structurer of interlock hose



FAQ for Interlock Hose/Exhaust Pipe

- 1.Size Range
- 2.Wall thickness
- 3.Shape of interlock hose,round/polygonal
- 4.Application