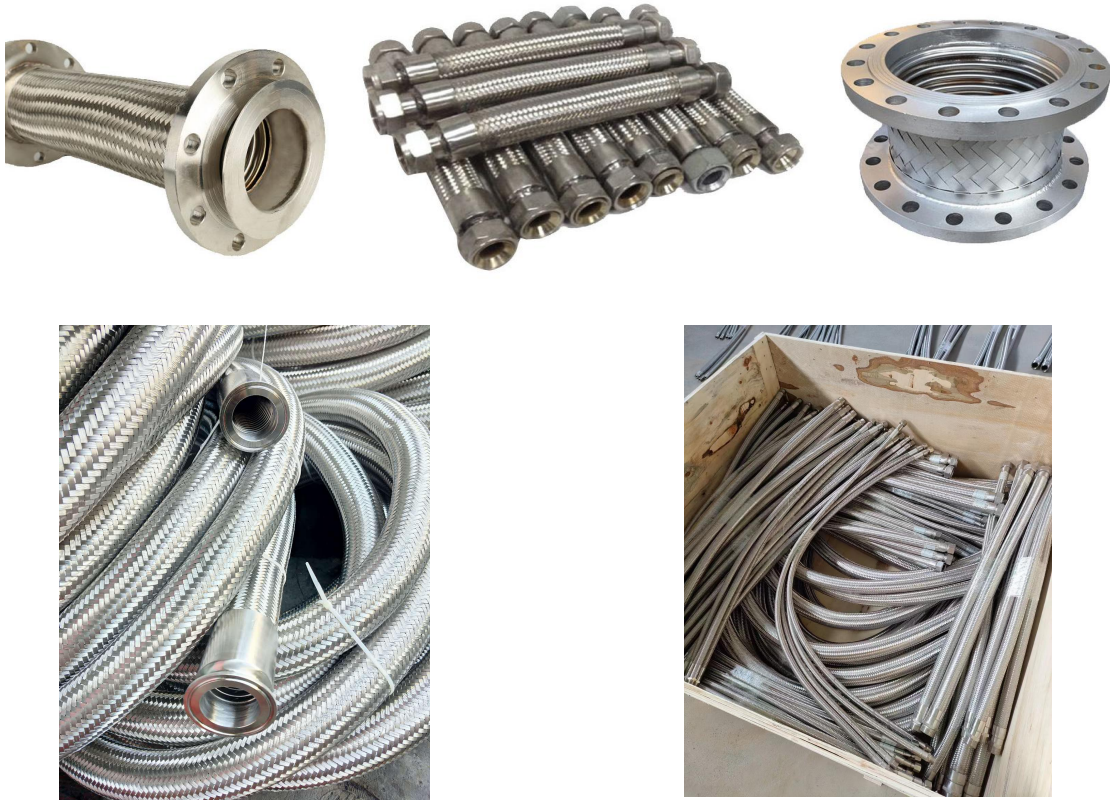


# Stainless Steel Braided Hose

## Flexible Metal Hose



### General Overview:

Stainless Steel Braided hose is a kind of flexible hose with high quality in modern industrial pipeline. It is composed of bellows, net cover and joint. Bellows is the body of metal hose, which plays a flexible role. The net cover plays the role of strengthening and shielding. The joint serves as a connection.

For different requirements, they are connected in different ways: bellows, net cover and joint are connected by welding, which is called welding type. In the form of mechanical clamping connection, it is called mechanical clamping type. In addition, the combination of the above two methods is called hybrid type.

### Application:


Flexible metal hoses are used in a variety of applications in all sectors of the industry, for the transport of water, steam, gas, air, heavy oil, petroleum, chemical drugs, granulates and so on.

### Character:

The corrugated metal hoses have good softness, fatigue resistance, high temperature resistance, corrosion resistance and many other characteristics.

### Strictly quality test control:

Our materials are tested by spectrometer. All finished-products are inspected before trade, no sampling.

<b>Item</b>	Stainless Steel Metal Hose	
<b>Hose diameter</b>	8mm-400mm	
<b>Inner Core:</b>	Corrugated Stainless Steel Formed into corrugations parallel to one another. Helical / Convoluted option available upon request.	
<b>Outer Core</b>	stainless steel wire mesh or steel belt	
<b>Braided mesh layer</b>	one or two layer braided	
<b>Hose material</b>	SS201/SS304/SS316	
<b>Braided wire material</b>	SS201/SS304/SS316	
<b>Hose thickness</b>	0.17 to 1.5mm	
<b>Maximum working pressure</b>	20 to 40 bar Pressure tolerances include full vacuum	
<b>Working temperature</b>	-196°C to +450°C	
<b>Connection type</b>	female/male thread, quick connector, flange 	
<b>Thread Standard:</b>	NPT/BSP, Flange standard: ANSI, JIS, DIN, GOST etc.SP <b>Commonly used Bellows Joints</b> 	
<b>Connector material</b>	stainless steel	
<b>Length</b>	According to Clients' Requirement	
<b>Packing</b>	Carton, Wooden Case, Pallet	

Nominal diameter (mm)	ID(mm)	OD(mm)		Minimum bending radius (mm)		Maximum working pressure(bar)	
		Bellows	Cover with a layer of network	static state	dynamic	A layer of net cover	Two layer net cover
8	8.8	13.2	14.4	50	110	15	20
10	11.7	16.5	17.7	65	145	18.5	20
15	13.5	19.5	21.1	80	180	18	20
20	20	27	28.6	120	270	10	15
25	27	34.5	36.1	160	360	6.3	10
32	32.0	40	41.6	175	400	4.0	6.3
40	39.6	52	53.6	225	510	4.0	6.3
50	49.7	62	63.6	280	640	3.0	5.0
65	61.2	80.2	81.8	410	915	3	5
80	79	96.3	97.9	486	1030	3	5
100	101.2	119.6	121.2	610	1340	2.5	4
125	124.1	145.3	146.9	700	1540	2.5	4
150	149.4	180.8	182.4	810	1780	2.5	4
200	176	240	243.2	1000	2000	2.5	4
250	248	290	294	1250	2500	2.5	4
300	298	350	354	1500	3000	1.6	2.5
350	347	400	404.8	1750	3500	1.6	2.5
400	397.6	460	464.8	2000	4000	1.6	2.5

The above data are for reference only. For customization, please contact us for more.