

Metal Hoses (Union Flexible Hoses)

Product Features

1. Flexible Stainless Steel Construction: Durable and easy to install, suitable for various applications.
2. Nickel-Plated Brass Caps: Anti-rust, smooth threading, and drip-free shut-off for reliable performance.
3. Multiple Lengths Available: Fits diverse requirements with options like 30CM, 40CM, 50CM, and 60CM.
4. Lightweight and Economical: Approximately 30% lighter and 15-20% cheaper than stainless steel.
5. Sample (Contact us to get free sample): Free Sample (Our samples are free; you only need to pay for delivery cost).

Construction

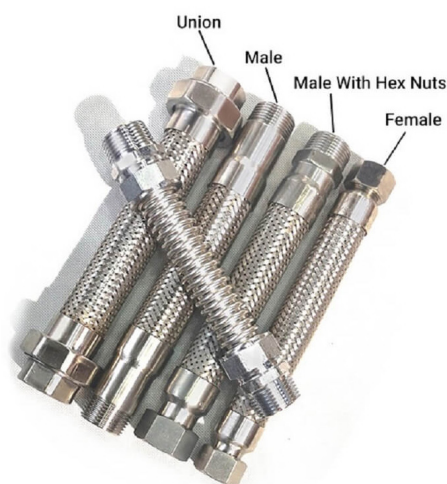
Devel Stainless steel union metal hose, a high-quality flexible pipe in modern industrial pipelines, mainly comprises a corrugated pipe, a net cover, and joints. The inner tube is a spiral or annular thin-wall stainless steel corrugated pipe, and the net cover outside is woven from stainless steel wire or steel belt per specific parameters. The hose ends' joints or flanges match customers' pipe joints and flanges.

Material of corrugated pipe: The materials for general corrugated pipes and steel wire reinforced mesh sleeves are divided into: stainless steel 201, 304, 316, 316L. Stainless steel 304 is the most common.

Diameter of corrugated pipe: The inner diameters are generally 8, 10, 13, 15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, etc.

Length of corrugated pipe: Since the corrugated pipe is made from stainless steel strip through a series of processes, its length can be customized according to your needs.

Joint forms of metal hoses: The connection methods of metal hoses are generally divided into: nut connection, flange connection, quick connector connection, etc. The joint materials are generally divided into stainless steel materials and carbon steel materials.



Specifications

DN		Total length		Bellows O.D.	Max offset	"Work pressure min"
mm	inch	mm	inch	mm	mm	Mpa
15	1/2	250	21.1	18.7	20	16
20	3/4	250	28.6	25.3	20	16
25	1	250	36.1	32.6	20	16
32	1 1/4	250	41.6	41.2	18	16
40	1 1/2	300	53.6	47.7	18	16
50	2	300	63.6	62	15	16
65	2 1/2	300	81.8	82	14	16
80	3	300	97.9	97	12	16

Note: *Install length based on the Devel factory standard. Other lengths can be changed according to your requirement.