

Stainless steel hoses are vital in various industrial applications where flexibility, high-temperature resistance, and durability are crucial. In Bangalore, a hub for manufacturing and technology, the demand for top-quality stainless steel hoses is rising. As a leading player in the industry, Flexotech takes pride in being one of the premier **SS hose manufacturers** in Bangalore, providing an array of stainless steel hoses that cater to the diverse needs of businesses and industries across the region.

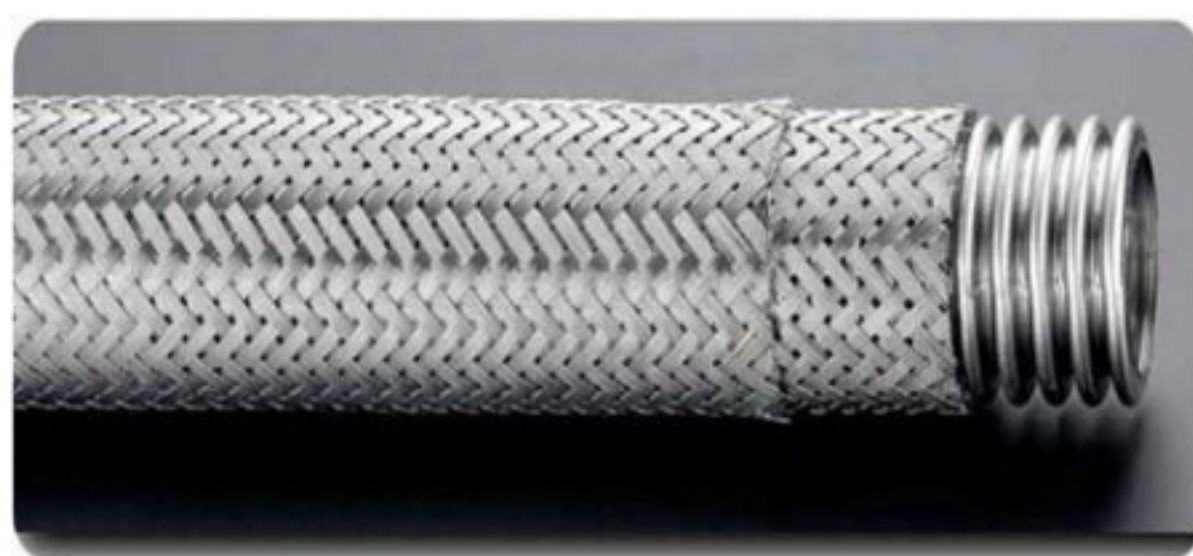
Flexotech specializes in producing stainless steel hoses constructed with three distinct materials, each tailored to specific application requirements. Let's delve into the world of **SS hose in Bangalore** materials and their applications.

MATERIAL OF CONSTRUCTION

Hose Material : SS 321, SS 304 L, SS 316 L
Braiding Material : SS 304

Temp. Range

up to 300 Deg. C



Construction : SS 304/ SS 316 Corrugated stainless steel with single or double SS304 braid and can withstand temperature up to 300 °C

Application: Stainless steel hose are flexible, resistant to high temperature and steam, which offers exceptional temperature resistant properties in high ambient gas or liquid medium. They can be used where these followings feature to be considered: wide temperature fluctuations, fire and moisture resistant, abrasion and penetration resistant, dampening of vibrations for the flow of fluid etc.

Diameter(mm)		Max pressure		Nominal Bend
ID(mm)	OD(mm)	Working pr.	Burst pr.	radius (mm)
6.3	10.6	150	600	80
8.5	13.4	112	448	120
10	15.6	97	388	130
12.1	18.2	75	300	140
16.6	23.3	60	240	160
20.2	28.3	62	248	170
25.4	33.7	43	172	190
33.6	43.2	46	184	260
40	51.6	42	168	300
50.4	62.5	32	128	320
62.8	79.1	35	140	460
78.7	97.5	25	100	660
97.8	116.6	25	100	750
130	157.5	14	56	710
154.5	182.5	10	40	815
204.5	236	8	32	1015
254	285	7.5	30	1270

Stainless Steel 321, a variant of the austenitic steel family, is known for its exceptional corrosion resistance. SS 321 hoses are versatile and suitable for a wide range of applications, especially in industries where exposure to high temperatures is common. With a maximum temperature resistance of up to 300°C, these hoses are ideal for conveying fluids or gases in environments with extreme temperature fluctuations.

SS 304 L, another grade of stainless steel, is renowned for its exceptional durability and resistance to corrosion. These hoses are an excellent choice for applications with essential abrasion and penetration resistance. The single or double SS 304 braid reinforcement adds a layer of protection and strength, making them highly suitable for applications demanding longevity and reliability.

For applications that involve handling extreme temperatures, SS 316 L hoses are the top choice. They offer outstanding resistance to high temperatures and steam, ensuring optimal performance even in the harshest conditions. Stainless steel hoses made from SS 316 L are perfect for applications that require dampening vibrations while facilitating the smooth flow of fluids.

What sets Flexotech apart as a preferred choice among **SS hose manufacturers** in Bangalore? Let's explore the factors that make us the top choice for businesses and industries in the region:

At Flexotech, we leverage cutting-edge technology, which makes us stand as the best **stainless steel hose manufacturers**. This ensures that our products are of the highest quality, meeting the stringent requirements of modern industries.

That's why we offer customization options, allowing you to get stainless steel hoses that perfectly fit your requirements. We recognize the importance of timely delivery in today's fast-paced industries. Our streamlined processes ensure that you get your orders on time, every time.

If you're in Bangalore or anywhere in the region and require top-quality stainless steel hoses, Flexotech is your ideal partner. Contact us today to discuss your requirements and discover how our stainless steel hoses can enhance your operations.

Stainless steel hoses are indispensable in industries with high-temperature resistance, flexibility, and durability. As one of the leading **SS hose manufacturers** in Bangalore, Flexotech offers a range of stainless steel hoses designed to cater to the diverse needs of businesses and industries in the region. Our commitment to quality, customization, and timely delivery sets us apart as the preferred choice for