



## Applications

The Springbok stainless steel flexible hose product range is suitable for many industries and applications including:-

- High Temperature Hydraulic Oils.
- Steam, Chemicals and Petroleum products
- Corrosive liquids & Gases.
- Compressed Air & Pneumatic liners
- Cryogenic applications
- Food & Beverage production
- Nuclear plants and Steam lines
- Fluids associated with high temperature and pressure in paper plants.
- Tyre moulds and Textile Machinery
- Oil Refineries and Toxic applications

For more details on your specific application please contact Springbok to discuss your specific requirement.

**All hoses welded to aotc procedures and tested to 1.5 times working pressure**



## Flexible Metallic Hose Assemblies

### Metallic Hoses

Available in standard pitch or close pitch versions for increased pressure or flexing applications with working temperatures ranging from -200°C to +600°C

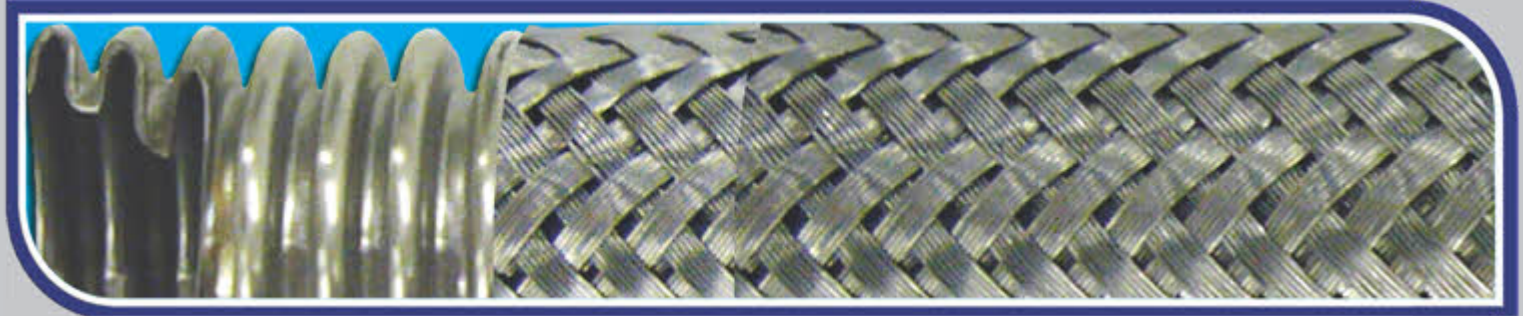
A full range of end connections in stainless steel 304, 316, 317 and mild steel, brass, monel and incolloys available to order.



### Design and installation Guides...

Flexible metal hose is normally flexed in accordance with one or a combination of motions as described on our installation guides. To obtain optimum reliability it is important to calculate the length of hose required that will not be flexed below the minimum bend radius - please contact the office for more information.

- Manufactured to ISO 10380.
- Constructed from 321 stainless steel inner liner and 304 over braid.
- 316 Stainless, Monel and Incolloys also available.
- External covers, armouring, sleeves and insulations available.



## Technical Information

### Quality Control

- All assemblies are manufactured to ISO 10380.
- Welders are qualified and coded to EN287.
- All hoses are pressure tested before despatch.
- Springbok is an ISO 9001:2008 QA approved company.

### Technical Experience

- Trained engineers with extensive applications experience and knowledge.
- Bespoke solutions designed to meet your specific requirements and needs.
- Product v/s application reliability and reduced downtimes - right product for your needs.

### Technical Backup

- All assemblies can be supplied with full installation guidelines for your safety.
- On-Site hose surveys available.
- Hose registers are essential for maintaining hoses in good condition on site - keeping your production running efficiently and reducing potential Health & Safety issues.

### Hose Identification

- Assemblies can be marked or engraved.

### Standard pitch annular hose...

Is a medium pressure hose available in 321 or 316 grade stainless steel as shown in the data below.

Our close pitch hose offers up to +20% increased working pressures of standard pitch.

**Note:** Please check exact figures with office before ordering.

Size		Bend Radius (mm)		Working Pressure (Bar)	
Inches	mm	Static	Flexing	1 Braid	2 Braids
1/4	6	25	100	167	220
3/8	10	40	150	100	178
1/2	12	50	150	95	154
3/4	20	70	200	70	154
1	25	90	200	65	102
11.4	32	90	250	46	85
11/2	40	110	250	40	72
2	50	127	350	33	60
21/2	65	203	410	26	46
3	90	230	450	22	40
4	100	230	560	18	33
6	150	320	815	11	20
8	200	435	1015	7	10

**Note:** all pressure ratings quoted are at 50°C - pressure ratings are drastically affected by temperature increases

### End Connections :

Standard end connections



Bespoke end connections

