

Tech-Vac Silicone Hose - Type T7500



Applications

The FlexTech hygienic silicone hose product range is suitable for a variety of temperature, pressure and vacuum applications within the food, pharmaceutical, medical, beverage and dairy industries including:-

- Food handling and production
- Fluids associated with high temperatures
- Bottle filling
- De-ionised water transfer
- Beverage service, handling and production
- Conveyance of cosmetic solutions
- Fluids associated with pharmaceutical and bio-medical transfer and production
- Production of dairy products
- Compensation of vibrations and pipe work misalignment within a production line

Please contact FlexTech for more details concerning your particular application.

NEW
Hygienic Hoses
'Pharmaline'

'Pharmaline'
PTFE lined silicone covered, lightweight, flexible smooth bore hose with working pressures up to 50 Bar. Manufactured in accordance to FDA 21 CFR 177.1550 and USP Class VI (Call office for details)



Tech-Vac - Silicone Hose Assemblies

T7500 Silicone Hoses

Available in standard translucent with options for white or coloured outer. Close pitch versions for increased pressure and flexing applications with working temperatures ranging from -100°C to +300°C

A full range of end connections in stainless steel 316, 317, Monel and Incolloys are also available to order.



Design and installation Guides...

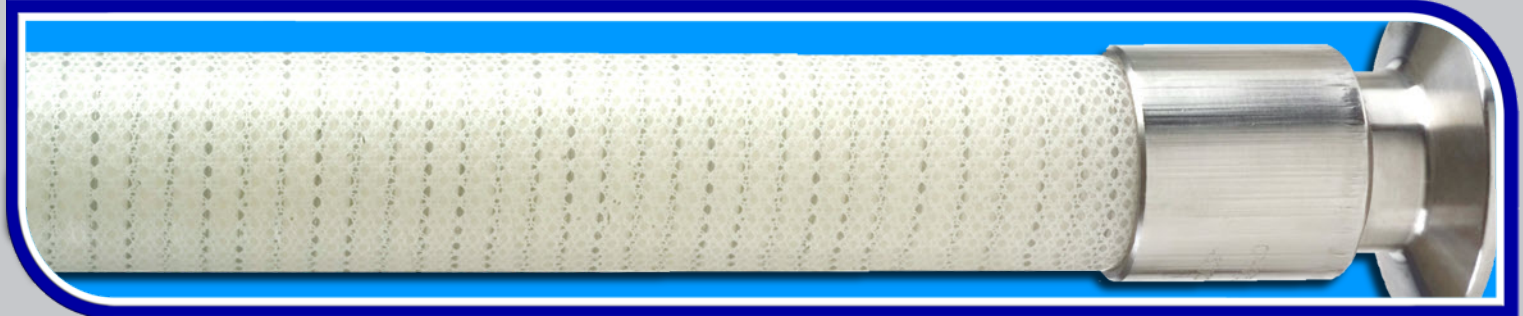
Flexible silicone hose is normally flexed in accordance with one or a combination of motions as described on our installation guides. To obtain optimum reliability it is important to calculate the length of hose required that will not be flexed below the minimum bend radius - please contact the office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

- Manufactured to ISO 9002 Quality standards
- US - 21 CFR 177.2600 FDA compliance
- Germany - BGA Class XV Compliance
- Hygienic connections from grade 316L stainless steel with surface finish of 0.8u, M Ra. minimum. Polished ends to order.



Flexible Hose Solutions for Every Application

Tech-Vac Silicone Hose - Type T7500



Quality Control

- Manufactured in clean environment.
- All hoses are pressure tested before despatch.
- Springbok is an ISO 9001:2008 Quality 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.

Certification :

- USP XXV1 Class V1
- European Pharmacopoeia 3.1.9
- FDA Regulations CFR 177.2600
- France Journal Officiel - brochure 1227
- German BGV XVA LIIA
- Italy Gazzetta Ufficiale - 1973
- ISO 10993 Sections 5-6-10-11

Technical Information

T7500 Tech-Vac hose...

Is a medium pressure platinum cured silicone hose manufactured in compliance with 21 CFR 177.2600 FDA and BGA Class VV, XVA, LIIA with a 60° shore hardness, 4 ply polyester reinforcement and 316L grade stainless steel wire helix.

Temperature range from -60°C to + 200°C.

Suitable for Vacuum of 684 mbar at 20°C.

Size (mm)		Bend Radius (mm)	Weight (g/m)	Pressure (Bar)	
ID	OD			Working	Burst
12.7	25.1	45	500	16.0	48
16	28.4	50	600	15.0	44
19	31.4	65	700	13.3	40
25.4	37.8	80	850	12.1	40
31.8	44.2	120	1000	11.0	40
38.1	50.5	150	1350	10.0	40
50.8	63.2	180	1660	10.0	40
63.5	75.9	220	1900	7.5	30
76.2	88.6	250	2450	6.2	25
102	114	360	2950	3.7	12

Note: all pressure ratings quoted are at 20°C - pressure ratings reduce by 1% for each 1°C of temperature increase above 100°C

- Peroxide free platinum-cured silicone
- Odourless, non-sticky and completely non-toxic
- Suitable for sterilisation with steam, argon and cobalt for up to 1 hr 30 min. at 140°C
- Smooth seamless liner and cover