



### APPLICATION

- Designed for handling high purity products, food products and alcoholic fluids concentrated up to 96%, Pharmaceutical and cosmetic industries.
- Efficient and highly resistant under vacuum conditions.
- For suction and delivery purposes.

### MAIN BENEFITS

- Silicone hose with non-stick and hydrophobic properties.
- Phthalates free tube, tested in compliance with 1907/2006/CE(REACH)
- ZEPHARM SIL production is free from animal derivatives, adipates and materials subject to restrictions acc. to 1907/2006/CE(REACH).

### CONSTRUCTION

#### TUBE

- Silicone rubber, translucent, odorless and tasteless, smooth.
- Complying with FDA standards, USP Class VII requirements, with BfR Recommendations Cat.II, with DM. 21/03/73, with European Reglement 1935/2004/CE and with 3A Sanitary Standard Class II.

#### REINFORCEMENT

- High temperature resistant plies, stainless steel wire helices.

#### COVER

- Silicone rubber, translucent, abrasion, ageing and ozone resistant, glossy cover.

### MARKING

ZENOFLEX ZEPHARM SIL

### TEMPERATURE RANGE

- From -60°C to +200°C (-76°F/+392°F).
- Sterilization with steam 135°C, at 3,5bar for max. 90 minutes.
- Sterilization with hot air at 200°C for max. 30 minutes.
- Repeated sterilizations at intervals of less than 1 hour may seriously affect the mechanical features of the hose.

#### VACUUM

- 675mmHg(26.6 inHg)

### 应用范围

- 用于输送高纯度产品，食品和浓度高达96%的酒精液体；广泛用于食品、制药和化妆品行业。
- 先进的加强层结构适用于需要极好的弯曲性能和真空条件下的应用。

### 主要特性

- 具有非粘性和疏水性。
- 软管获得USP CLASS VI和符合FDA认证。
- 软管产品无任何动物细菌衍生物，酞酸酯和乙烯酯，而且不含1907/2006/CE(REACH)标准的限制材料。

### 软管结构

#### 内管

- 硅胶，透明，食品和药典级，无臭、无味，表面光滑。
- 获得USP CLASS VI认证，符合美国FDA、德国BfR、意大利D.M. 21/03/73、欧洲1935/2004/CE和3A等标准。

#### 加强层结构

- 高耐热性的多层合成纤维。
- 植入螺旋形不锈钢钢丝。

#### 表层

- 硅胶，半透明，耐磨，耐热，耐老化，耐臭氧，镜面光滑。

### 标签

ZENOFLEX ZEPHARM SIL

### 温度范围

- 从-60°C到+200°C。
- 可进行不超过90分钟的蒸汽灭菌（温度最高+135°C）。
- 可进行不超过30分钟的热风灭菌（温度最高+200°C）。
- 反复蒸汽消毒间隔时间小于1小时将会严重影响软管机械性能

#### 真空度

- 675mmHg(26.6 inHg)

DIMENSIONAL TOLERANCES:尺寸公差 ISO 1307

Inside diameter		Outside diameter		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
13	0,50	24	0,94	15	225	45	675	0,46	0,31	60	2,36
16	0,63	27	1,06	14	210	42	630	0,53	0,36	70	2,76
19	0,75	30	1,18	13	195	39	585	0,60	0,40	80	3,15
25	1,00	36	1,42	10	150	30	450	0,73	0,49	100	3,94
32	1,25	43	1,69	8	120	24	360	0,89	0,60	130	5,12
38	1,50	51	2,00	7	105	21	315	1,21	0,81	155	6,10
51	2,00	64	2,52	6	90	18	270	1,56	1,05	210	8,27
63,5	2,50	78,5	3,09	5	75	15	225	2,32	1,55	260	10,24
76	3,00	91	3,58	4	60	12	180	2,72	1,82	310	12,20
102	4,00	117	4,61	3	45	9	135	3,55	2,38	420	16,54

