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Non pigmented SILICONE

HIGH PURITY acc. to USP Class VI Validation

### APPLICATION

- Silicone suction and delivery hose designed for handling high purity fluids and cosmetic products. Designed for heavy-duty application.
- Normally used in food, pharmaceutical and cosmetic processes; particularly suitable under vacuum conditions where good mechanical resistance is required.

### MAIN BENEFITS

- “Double benefit” hygienic hose: the advanced non-pigmented silicone carcass combines maximised purity with a superior mechanical strength.
- The accurate selection of high-purity ingredients, specific production as well as stock procedures ensure the fulfillment of Pharma grade standards acc. to USP Class VI.

### CONSTRUCTION

#### TUBE

- Translucent silicone rubber (Silicone), clear color, odour and taste-free, smooth, mirror-like finish.
- Complies with USP Class VI, EU Pharmacopeia (3.1.9), UNI EN ISO 10993, FDA Standards, Italian D.M. 21/03/73 and following amendments.

#### REINFORCEMENTS

- High strength synthetic textile plies.
- Embedded steel wire helix in SS AISI 304.

#### COVER

- Translucent silicone rubber (Silicone), clear color, odour and taste-free, smooth, glossy finish.

### MARKING



### TEMPERATURE RANGE

- From -60°C up to +200°C.
- Sterilisation with steam at +135°C, at 3.5 bar for max 90 min.
- Sterilisation with hot air at +200°C, for max 30 min.

### SAFETY FACTOR

- ≥ 3 times working pressure.

### 应用范围

- 可吸入和输送用硅胶软管，用于输送高纯度液体和化妆品；重型应用设计。
- 广泛应用于食品、药品和化妆品工业；适用于在真空条件下需要大幅减少弯曲半径的应用。

### 显著特性

- 此卫生软管有两个主要特点：领先的无颜料硅胶内管确保输送产品的纯度；软管结构保证优越的机械强度。
- 高纯材料，高科技和先进的库存管理方式确保软管符合美国USP Class VI药品等级标准。

### 软管结构

#### 内管

- 硅胶 (Silicone)，半透明，白色，无臭味，无味道，平滑，镜面光滑
- 通过 USP Class VI，EU Pharmacopeia (3.1.9)认证，UNI EN ISO 10993，意大利D.M.21/03/73食品级认证；符合FDA标准

#### 加强层结构

- 高强度多层合成纤维
- 植入AISI 304螺旋型不锈钢线

#### 表层

- 硅胶 (Silicone)，半透明，白色，无臭味，无味道，平滑，光滑表面

### 标签



### 使用温度范围

- 60°C 至 +200°C
- 可进行不超过90 分钟温度达135°C蒸汽消毒，压力为3.5 bar
- 可进行不超过30 分钟温度达200°C热风消毒

### 安全系数

- ≥ 3 倍工作压力

### DIMENSIONAL TOLERANCES / 尺寸公差

I.D./内径: ISO 1307- Wall thickness/壁厚: DIN 7715 T4 S2 - Length/长度: ISO 1307

INTERNAL DIAMETER [mm] 内径 [mm]	WALL THICKNESS [mm] 壁厚 [mm]	WORKING PRESSURE [bar] * 工作压力 [bar] *	VACUUM [bar] 真空度 [bar]	MIN BENDING RADIUS [mm] 最小弯曲半径 [mm]	THEORETICAL WEIGHT [Kg/m] 重量 [Kg/m]	LENGTH MAX [m] 每卷长度 [m]
10	6.0	12	-0.9	50	0.44	20
13	6.0	11	-0.9	52	0.50	20
16	6.5	10	-0.9	60	0.57	20
19	6.5	10	-0.9	66	0.73	20
25	6.5	9	-0.9	86	0.92	20
32	6.5	8	-0.9	110	1.10	20
38	7.0	7	-0.9	130	1.40	20
51	7.0	6	-0.9	200	1.80	20
63.5	7.0	5	-0.9	250	2.41	20
76	7.0	4	-0.9	350	2.82	20

(\* ) At a temperature of +100°C the W.P. decreases by 20% / 在温度100°C时，工作压力下降20%

Other sizes and colours available upon request. Please get in contact with our Commercial Dept. Above technical data refer to application at room temperature (+20°C)  
根据客户的要求，我公司也提供更多内径和颜色，请联系我们的技术部。所有技术参数以室温 20°C为测试基准。

SHARRY Machinery (Shanghai) Co.,Ltd. Web: [www.sharry-sh.com](http://www.sharry-sh.com)

Tel: +86-21-64881886 / 13761943624 Mail: [wangfeng858@163.com](mailto:wangfeng858@163.com)



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