



APPLICATION

- Universal hose specifically designed to convey a variety of products within the pharmaceutical, cosmetic, biotech, food and chemical industries.
- Ideal solution for processing industries demanding utmost safety during the transfer of high purity fluids. For suction and delivery purposes.

MAIN BENEFITS

- It offers superior resistant to chemicals, high temperatures and mechanical stress. The non-toxic outer surface maintains the working environment clean and safe.
- The ultra-smooth in-liner provides utmost impermeability, thus preventing any potential risks of contamination. (no leaching into the conveyed product).
- Phthalates free tube, tested in compliance with 1907/2006/CE (REACH)

CONSTRUCTION

TUBE

- PTFE, co-extruded clear/white pigmented, phthalate free smooth, mirror-like.
- Complying with USP Class VI, FDA standards, with ISO 10993, with European Regulation 1935/2004/CE and with 3A Sanitary Standard Class II.

REINFORCEMENT

- Synthetic plies, galvanized wire helices, a/s copper wires to discharge static electricity.

COVER

- Wide corrugated EPDM, green, conductive, smooth, abrasion, ageing and ozone resistant, cloth finish.

MARKING

ZENOFLEX ZEPHARM PTFE

TEMPERATURE RANGE

- From -40°C to $+150^{\circ}\text{C}$ (-40°F to $+302^{\circ}\text{F}$).
- The operation temperature depends on the media conveyed.

VACUUM

- 675mmHg (26.6 inHg)

应用范围

- 通用型软管，特别设计用于制药、化妆品、生物、食品和化工等行业中输送多种产品。
- 适用于吸入和输送应用场合，在输送高纯度流体时能确保安全。

主要特性

- 拥有卓越的性能，耐高温、耐化学腐蚀和机械应力。无毒表层保持工作环境的洁净与安全。
- 平滑内管能确保最大程度的不渗透性，绝对不会使产品发生接触性污染。
- 软管产品不含1907/2006/CE (REACH) 标准的限制材料。
- 更好的柔性，更小的弯曲半径。

软管结构

内管

- TEFLON PTFE 材质，白色，无臭、无味，镜面光滑。
- 通过 USP Class VI、ISO 10993 食品级认证，符合美国 FDA、欧洲 1935/2004/CE 和 3A 等标准。

加强层结构

- 良好耐热性的多层合成纤维。
- 植入螺旋形镀锌钢丝；植入双股铜导线以消除静电。

表层

- EPDM 橡胶，绿色，宽波纹结构，光滑，食品级，耐磨、耐老化、耐臭氧，布状表面

标签

ZENOFLEX ZEPHARM PTFE

温度范围

- 从 -40°C 到 $+150^{\circ}\text{C}$ ，取决于输送的产品。

真空度

- 675mmHg (26.6 inHg)

DIMENSIONAL TOLERANCES: 尺寸公差 EN12115 TRbF 131/2

Inside diameter		Outside diameter		Length		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
13	0,50	25	1,00	40	130	10	150	40	600	0,49	0,33	55	2,17
19	0,75	31	1,22	40	130	10	150	40	600	0,64	0,43	75	2,95
25	1,00	37	1,46	40	130	10	150	40	600	0,79	0,53	95	3,74
32	1,25	44	1,73	40	130	10	150	40	600	0,90	0,60	115	4,53
38	1,50	51	2,00	40	130	10	150	40	600	1,22	0,82	140	5,51
50	1,97	66	2,60	40	130	10	150	40	600	1,95	1,31	190	7,48
63,5	2,50	79,5	3,13	20	65	10	150	40	600	2,54	1,70	245	9,65
75	2,95	91	3,58	20	65	10	150	40	600	2,95	1,97	330	12,99
100	3,94	116	4,57	20	65	10	150	40	600	3,82	2,56	475	18,70

