

SFA-Flow、SFA-FlowAS

REACH
&
ROHS

FDA
21 CFR
178.3297

USP
Class 6

ISO
10993

应用 APPLICATION

软管采用精心设计的“内平外波”结构，用以提高产品的流速和提高可清洁性。高强度级304不锈钢丝编织层位软管提供了最大的保护，防止内部压力和外部磨损。也可根据要求，使用316不锈钢丝编织层提供额外的耐腐蚀性能。

在需要防范聚四氟乙烯管的内表面有静电电荷积聚风险的应用中，使用Anti-Static（简称AS）级产品是至关重要的，这些静电电荷可以通过软管的管壁放电。对于处理以下工况是必不可少的：

- 双相或多相介质
- 非混合介质(例如，空气中的粉末，蒸汽中的水滴，气体或油)
- 胶体流体

静电的产生对上述工况条件对具有重大风险，因此在这些条件下总是需要AS级抗静电软管。

The hose uses a carefully designed “Inner plane and outer wave” structure to increase the flow rate and improve the cleanliness of the product. High strength grade 304 stainless steel wire braided layered hoses provide maximum protection against internal pressure and external wear. Additional corrosion resistance can also be provided on request using 316 stainless steel wire braids.

In applications where there is a risk of electrostatic charge building up on the inner surface of the polytetrafluoroethylene tube, the use of Anti-Static (AS) grade products is crucial, AS these electrostatic charges can be discharged through the tube wall. Essential for handling:

- two-phase or multiphase media
- non-mixed media (for example, powder in air, water droplets in steam, gas or oil)
- colloid fluid

The generation of static electricity has a significant risk to the above-mentioned operating conditions, so the AS-class antistatic hose is always required under these conditions.

结构 STRUCTURE

- 内层：内平外波聚四氟乙烯(PTFE)软管
- 外层：不锈钢304 & 316 编织层
- 导电系数 $R < 10^6 \Omega$
- Inner Layer: inner plane and outer wave polytetrafluoroethylene (PTFE) hose
- Outer layer: stainless steel 304 & 316 braided layer
- The electrical conductivity $R < 10^6 \Omega$.



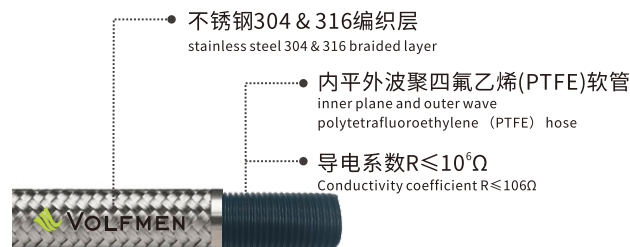
温度 TEMPERATURE

可在 -70°C 至 +260°C

注意：在150°C以上的高温下，最大工作压力需要降低。

From -70 °C to + 260 °C

note: At temperatures above 150 °C, the maximum operating pressure needs to be reduced.



内壁尺寸		编织层外径		最小弯曲半径		最大工作压力		最小爆破压力		单位重量	
(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(psi)	(bar)	(psi)	(bar)	(lb/ft)	(Kg/Mt)
6.4	1/4	10.0	0.4	19	3/4	1595	110	6380	440	0.06	0.09
8.0	5/16	11.5	0.42	19	3/4	1522	105	6088	420	0.08	0.12
9.5	3/8	12.8	0.5	19	3/4	1160	80	7200	500	0.09	0.14
12.7	1/2	16.6	0.65	38	1 1/2	1015	70	5800	400	0.19	0.29
15.9	5/8	20.6	0.81	45	1 3/4	940	65	5500	380	0.23	0.35
19.0	3/4	24.5	0.96	50	2	870	60	4350	300	0.27	0.40
25.4	1	32.3	1.27	70	2 3/4	720	50	2900	200	0.42	0.63
31.8	1 1/4	39.5	1.56	100	4	650	45	2600	180	0.57	0.85
38.0	1 1/2	47.0	1.85	140	5 1/2	580	40	2320	160	0.74	1.10
50.8	2	61.0	2.4	200	8	430	30	1750	120	1.27	1.90
63.5	2 1/2	73.5	2.89	304	12	290	20	1160	80	1.73	2.58