

FULL Ω



APPLICATION

- Universal hose specifically conceived for the transfer of manifold chemical aggressive products.
- Tested for explosive areas by the IMQ Institute.

MAIN BENEFITS

- Extra safety: it dissipates the electrostatic currents both superficially and through the hose wall ($R < 10^5 \Omega$).

CONSTRUCTION

TUBE

- UPE, black colour, smooth, antistatic ($R < 10^5 \Omega$).
- Complies with EN 12115 and EN 50014/IEC 60079-0 norms.

REINFORCEMENTS

- Plies of high strength synthetic cord;
- Embedded steel wire helix;
- Copper wires (upon demand);

COVER

- EPDM rubber, antistatic ($R < 10^5 \Omega$), abrasion, ozone and weather resistant, smooth, cloth finish.

MARKING



TEMPERATURE RANGE

- -35°C to $+100^\circ\text{C}$.
- Peaks up to $+130^\circ\text{C}$ for sterilisation, for a maximum of 30 minutes.

SAFETY FACTOR

- ≥ 4 times W.P. up to ID 75 mm
- ≥ 3 times W.P. above ID 75 mm.

应用范围

- 通用型软管广泛用于处理多种高腐蚀性的化学品。
- 通过IMQ认证机构易爆环境应用测试。

显著特性

- 额外保护：多层合成纤维和软管外壁确保静电的消散（电阻： $R < 10^5 \Omega$ ）。

软管结构

内管

- UPE (超高分子多聚乙烯)，黑色，平滑，抗静电 ($R < 10^5 \Omega$)
- 符合EN 12115、EN 50014/IEC 60079-0标准

加强层结构

- 高强度多层合成纤维
- 植入螺旋型金属钢线
- 按用户要求提供铜导线

表層

- EPDM橡胶 (三元乙丙)，抗静电 ($R < 10^5 \Omega$)，抗磨损，耐臭氧，耐大气侵蚀，平滑，布状表面

标签



使用温度范围

- -35°C 至 $+100^\circ\text{C}$
- 可进行不超过30分钟温度达 130°C 蒸气消毒

安全系数

- ≥ 4 倍工作压力 (内径75mm以下)
- ≥ 3 倍工作压力 (内径75mm以上)

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]
19	6.0	16	-0.9	125	0.60	40
25	6.0	16	-0.9	150	0.80	40
32	6.0	16	-0.9	175	1.00	40
38	6.5	16	-0.9	225	1.30	40
50	8.0	16	-0.9	275	2.00	40
63.5	8.0	16	-0.9	300	2.70	40
75	8.0	16	-0.9	350	3.00	40
100	9.0	16	-0.9	450	4.90	40

Other sizes and colours available upon request. Please get in contact with our Commercial Dept.
Above technical data refer to application at room temperature ($+20^\circ\text{C}$).

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。

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