

防爆特氟龙排吸化学管 TALOS PTFE A5-017



应用:

- 内外层均导电，可用于防爆环境。广泛应用于新能源、石油化工、食品饮料、精细化工、化妆品、原料药和生物制药等行业。适用于各类化学产品和溶剂，除了三氟化氯、氯和氟气、氧气二氟化物、光气和熔融碱金属（例如钠）。

优点:

- 耐高温氧化，优秀的化学和机械性能
- 符合防爆认证，可用于防爆要求环境
- 不含邻苯二甲酸盐，符合RoHS规定
- 符合EN12115防静电要求，内胶电阻 $R < 10^6 \Omega$ ，外胶电阻 $R < 10^9 \Omega$

技术参数:

- 内层：杜邦PTFE材料，黑色双层挤出，光滑。具有优良的耐高温性、耐机械应力和抗氧化性
- 增强层：合成层，防静电的螺旋镀锌钢丝和铜线
- 外层：EPDM橡胶，黑色布纹，耐磨，抗老化和抗臭氧
- 工作温度：-40°C至+150°C，瞬时可达180°C

适用标准及认证:

- 符合EN12115化工认证
- FDA 21CFR 177.1550标准
- USP XXXVI class VI
- ISO 10993-5,10,11: 2009
- 欧洲法规1935/2004/CE和10/2011/CE
- GB4806.7-2016
- GB31604.30-2016

Applications:

- Both the inner and outer layers are electrically conductive and can be used in explosion-proof environments. Widely used in new energy, petrochemical industry, food and beverage, fine chemical industry, cosmetics, API and biopharmaceutical industries. Suitable for all kinds of chemicals and solvents, except chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkali metals (such as sodium).

Advantages:

- Resistant to high temperature and oxidation. Excellent chemical and mechanical properties
- Tested and certified hose by INERIS for use in Atex area type Ω/T according to EN 12115 ($R < 10^6 \Omega$, $R < 10^9 \Omega$ through the hose wall)

Technical Description:

- Tube: TEFLON PTFE, black conductive smooth, phthalates free. TEFLON PTFE is a polymer with excellent resistance to high temperature, mechanical stress and to oxidation
- Reinforcement: Synthetic plies, galvanized wire helices, a/s copper wires to discharge static electricity
- Cover: EPDM rubber, black, abrasion, ageing and ozone resistant
- Temperature range: -40°C to +150°C (intermittent to +180°C)

Standard/Approval:

- It complies with EN12115
- FDA 21CFR 177.1550 standards
- USP XXXVI class VI
- ISO 10993 Sections 5,10,11:2009
- EUROPEAN REGLEMENT 1935/2004/CE AND 10/2011/CE
- GB4806.7-2016
- GB31604.30-2016

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产品编码 No.	内径		外径	工作压力	爆破压力	耐负压	弯曲半径	重量	包装长度
	in	mm	mm	bar	bar	bar	mm	kg/m	m
TALOS PTFE-0500	1/2"	13.0	25.0	16	64	0.9	90	0.54	40
TALOS PTFE-0750	3/4"	19.0	31.0	16	64	0.9	130	0.70	40
TALOS PTFE-1000	1"	25.0	37.0	16	64	0.9	170	0.86	40
TALOS PTFE-1250	1-1/4"	32.0	44.0	16	64	0.9	215	1.18	40
TALOS PTFE-1500	1-1/2"	38.0	51.0	16	64	0.9	255	1.43	40
TALOS PTFE-2000	2"	50.0	66.0	16	64	0.9	330	2.08	40
TALOS PTFE-2500	2-1/2"	63.5	79.5	16	64	0.9	430	2.96	20
TALOS PTFE-3000	3"	75.0	91.0	16	64	0.9	510	3.43	20
TALOS PTFE-4000	4"	100.0	116.0	16	64	0.9	675	4.60	20

