

ZECHEM UPE



APPLICATION

- Universal hose specifically conceived for the transfer of manifold chemical aggressive products.
- Tested and Certificated for ATEX explosive areas by INERIS institute.

MAIN BENEFITS

- Extra safety: it dissipates the electrostatic currents both superficially and through the hose wall($R < 10^6 \Omega$).
- Phthalates free tube, tested in compliance with 1907/2006/CE(REACH).

CONSTRUCTION

TUBE

- UPE, black, conductive, phthalates free, smooth.
- Complying with FDA standards, with BfR Cat. III, with DM. 21/03/73, with European Regulation 1935/2004/CE and 10/2011/CE.

REINFORCEMENT

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

COVER

- EPDM, black, conductive, smooth, abrasion, ageing and ozone resistant, cloth finish.

MARKING

ZENOFLEX ZECHEM UPE

TEMPERATURE RANGE

- From -35°C to $+100^{\circ}\text{C}$ (-31°F to $+212^{\circ}\text{F}$).
- Peaks up to $+130^{\circ}\text{C}$ for sterilizations, for a maximum of 30 minutes.

VACUUM

- 675mmHg(26.6 inHg)

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INERIS认证机构防爆检测，可用于爆炸性危险环境。

主要特性

- 额外保护：多层合成纤维和软管外壁确保静电消除（电阻： $R < 10^6 \Omega$ ）。
- 软管产品不含1907/2006/CE(REACH)标准的限制材料。

软管结构

内管

- UPE，黑色，平滑，抗静电，不含酞酸脂。
- 符合美国FDA、德国BfR、意大利DM. 21/03/73、欧洲1935/2004/CE和10/2011/CE等标准。

加强层结构

- 高强度多层合成纤维。
- 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，黑色，光滑，抗静电，耐磨，耐老化，耐臭氧，布状表面。

标签

ZENOFLEX ZECHEM UPE

温度范围

- 从 -35°C 到 $+100^{\circ}\text{C}$ 。
- 可不超过30分钟的蒸汽灭菌（温度最高 $+130^{\circ}\text{C}$ ）。

真空度

- 675mmHg(26.6 inHg)

DIMENSIONAL TOLERANCES:尺寸公差 EN12115 TRbF 131/2

Inside diameter		Outside diameter		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
19	0,75	31	1,22	16	250	64	1000	0,75	0,50	115	4,53
25	1,00	37	1,46	16	250	64	1000	0,92	0,62	155	6,10
32	1,25	44	1,73	16	250	64	1000	1,10	0,74	200	7,87
38	1,50	51	2,00	16	250	64	1000	1,39	0,93	240	9,45
50	1,97	66	2,60	16	250	64	1000	2,30	1,54	330	12,99
51	2,00	67	2,64	16	250	64	1000	2,33	1,56	330	12,99
63,5	2,50	79,5	3,13	16	250	64	1000	3,09	2,07	415	16,34
75	2,95	91	3,58	16	250	64	1000	3,58	2,40	500	19,69
76	3,00	92	3,62	16	250	64	1000	3,62	2,42	500	19,69
100	3,94	116	4,57	16	250	64	1000	4,63	3,10	675	26,57
102	4,00	118	4,65	16	250	64	1000	4,67	3,13	675	26,57

