

技术数据书

BC TUBE®

聚四氟乙烯套管

产品编号: 2T-TFS / 2T-TFT / 2T-TFL

P. LEO & CO LTD

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UL FILE #E176865

产品应用 : PTFE 聚四氟乙烯套管可广泛用于科学和技术领域, 例如化工, 仪器, 机械工业, 航天工业, 汽车, 变压器, 通讯等等.

产品编号 : 2T-TFS / 2T-TFT & 2T-TFL

特点 : 耐腐蚀、耐强酸、强碱、化学试剂、耐油
电阻 (45kV/ mm)

使用温度 : -80℃~200℃

标准 : UL224 VW-1C-UL CSA22.20FT

标准颜色 : 透明 (自然)

PTFE 高温聚四氟乙烯套管性能特性:

性能	指标	性能	指标
相对密度	2.14~2.20	熔点 °C	327
拉伸强度 /Mpa	23°C≥25	使用温度 °C	-80~200
拉伸屈服强度 /Mpa	23°C≥11	氧指数	>90
断裂伸长率 %	23°C≥300	吸水率 (%)	≤0.01
耐电弧	>300	线性膨胀系数 (x 105/°C)21~100°C	10
硬度(肖氏 D)	59~63	击穿强度 kV/mm	≥26
		体积电阻率 Ω.cm	1X10 ¹⁴

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规格表 :

PTFE 高温聚四氟乙烯套管 :

AWG	内径(mm)	外径 (mm) # 2T-TFS	外径(mm) #2T- TFT	外径(mm) # 2T-TFL	标准包装
30	0.30±0.10	0.80±0.10	0.70±0.10	0.60±0.10	305 m/盘
28	0.38±0.10	0.88±0.10	0.78±0.10	0.68±0.10	305 m/盘
26	0.46±0.10	0.96±0.10	0.86±0.10	0.76±0.10	305 m/盘
24	0.56±0.10	1.16±0.10	1.06±0.10	0.86±0.10	305 m/盘
23	0.66±0.10	1.26±0.10	1.16±0.10	0.96±0.10	305 m/盘
22	0.71±0.10	1.31±0.10	1.21±0.10	1.01±0.10	305 m/盘
21	0.81±0.10	1.41±0.10	1.31±0.10	1.11±0.10	305 m/盘
20	0.86±0.10	1.66±0.10	1.46±0.10	1.16±0.10	305 m/盘
19	0.96±0.20	1.76±0.20	1.56±0.20	1.26±0.20	200 m/盘
18	1.07±0.20	1.87±0.20	1.67±0.20	1.37±0.20	200 m/盘
17	1.19±0.20	1.99±0.20	1.79±0.20	1.49±0.20	200 m/盘
16	1.34±0.20	2.14±0.20	1.94±0.20	1.64±0.20	153 m/盘
15	1.50±0.20	2.30±0.20	2.10±0.20	1.80±0.20	153 m/盘
14	1.68±0.20	2.48±0.20	2.28±0.20	2.08±0.20	100 m/盘
13	1.93±0.20	2.73±0.20	2.53±0.20	2.33±0.20	100 m/盘
12	2.16±0.25	2.96±0.25	2.76±0.25	2.56±0.25	100 m/盘
11	2.41±0.25	3.21±0.25	3.01±0.25	2.81±0.25	150 m/盘
10	2.69±0.25	3.49±0.25	3.29±0.25	3.09±0.25	150 m/盘
9	3.00±0.25	4.00±0.25	3.80±0.25	3.40±0.25	150 m/盘
8	3.38±0.25	4.38±0.25	4.18±0.25	3.78±0.25	100 m/盘
7	3.76±0.25	4.76±0.25	4.56±0.25	4.16±0.25	100 m/盘
6	4.22±0.25	5.22±0.25	5.02±0.25	4.80±0.25	100 m/盘
5	4.72±0.25	5.72±0.25	5.52±0.25	5.32±0.25	50 m/盘
4	5.28±0.30	6.28±0.30	6.08±0.30	5.88±0.25	1.0 m/条
3	5.94±0.30	6.94±0.30	6.74±0.30	6.54±0.25	1.0 m/条
2	6.68±0.30	7.68±0.30	7.48±0.30	7.28±0.25	1.0 m/条
1	7.46±0.30	8.46±0.30	8.26±0.30	8.06±0.25	1.0 m/条
0	8.38±0.30	9.38±0.30	9.18±0.30	8.98±0.25	1.0 m/条

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