

TECHNICAL DATA



PTFE (Teflon) Tube

Product Code: 2T-TFS / 2T-TFT / 2T-TFL

P. LEO & CO LTD

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UL FILE #E176865

Application: PTFE (Teflon) tube can be widely used in Science & Technology field, such as in chemistry, instruments, mechanical industries, astronautic industry, vehicles, transformers, communications, etc.

Product UL Cat. No.: 2T-TFS / 2T-TFT & 2T-TFL

Property : High performance anti-corrosion (anti- acid/ alkaline/ chemical/ oil)
High voltage resistance (45kV/ mm)

Operating Temperature : -80°C ~ 200°C

Standard : UL224 VW-1C-UL CSA22.20FT

Standard color : Clear (Natural)

PTFE (Teflon) Tube Characters:

Property	Test data	Property	Test data
Relative Density	2.14~2.20	Melting Point °C	327
Tensile Strength /Mpa	23°C≥25	Operating Temperature °C	-80~200
Tensile Strength at yield /Mpa	23°C≥11	Oxygen Index	>90
Elongation %	23°C≥300	Water absorption (%)	≤0.01
Arc resistance	>300	Linear expansion coefficient (x 105/°C)21~100°C	10
Hardness (ShoreD)	59-63	Dielectric strength kV/mm	≥26
		Volume resistance Ω.cm	1X10 ¹⁴

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No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of Seller and manufacturer.



PACKING :

PTFE (Teflon) Tube Size & Packing :

AWG	Inside Diameter (mm)	Outside Diameter (mm) # 2T-TFS	Outside Diameter (mm) #2T- TFT	Outside Diameter (mm) # 2T-TFL	Standard Package
30	0.30±0.10	0.80±0.10	0.70±0.10	0.60±0.10	305 m/spool
28	0.38±0.10	0.88±0.10	0.78±0.10	0.68±0.10	305 m/spool
26	0.46±0.10	0.96±0.10	0.86±0.10	0.76±0.10	305 m/spool
24	0.56±0.10	1.16±0.10	1.06±0.10	0.86±0.10	305 m/spool
23	0.66±0.10	1.26±0.10	1.16±0.10	0.96±0.10	305 m/spool
22	0.71±0.10	1.31±0.10	1.21±0.10	1.00±0.10	305 m/spool
21	0.81±0.10	1.41±0.10	1.31±0.10	1.10±0.10	305 m/spool
20	0.86±0.10	1.66±0.10	1.46±0.10	1.16±0.10	305 m/spool
19	0.96±0.20	1.76±0.20	1.56±0.20	1.26±0.20	200 m/spool
18	1.07±0.20	1.87±0.20	1.67±0.20	1.37±0.20	200 m/spool
17	1.19±0.20	1.99±0.20	1.79±0.20	1.50±0.20	200 m/spool
16	1.34±0.20	2.14±0.20	1.94±0.20	1.65±0.20	153 m/spool
15	1.50±0.20	2.30±0.20	2.10±0.20	1.80±0.20	153 m/spool
14	1.68±0.20	2.48±0.20	2.28±0.20	2.10±0.20	100 m/spool
13	1.93±0.20	2.73±0.20	2.53±0.20	2.50±0.20	100 m/spool
12	2.16±0.25	2.96±0.25	2.76±0.25	2.60±0.25	100 m/spool
11	2.41±0.25	3.21±0.25	3.01±0.25	2.80±0.25	150 m/spool
10	2.69±0.25	3.49±0.25	3.29±0.25	3.00±0.25	150 m/spool
9	3.00±0.25	4.00±0.25	3.80±0.25	3.40±0.25	150 m/spool
8	3.38±0.25	4.38±0.25	4.18±0.25	3.80±0.25	100 m/spool
7	3.76±0.25	4.76±0.25	4.56±0.25	4.20±0.25	100 m/spool
6	4.12±0.25	5.22±0.25	4.92±0.25	4.70±0.25	100 m/spool
5	4.72±0.25	5.72±0.25	5.42±0.25	5.20±0.25	50 m/spool
4	5.28±0.30	6.28±0.30	6.02±0.30	5.80±0.25	1.0 m/pc
3	5.94±0.30	6.94±0.30	6.74±0.30	6.50±0.25	1.0 m/pc
2	6.68±0.30	7.68±0.30	7.48±0.30	7.28±0.30	1.0 m/pc
1	7.46±0.30	8.46±0.30	8.29±0.30	8.06±0.30	1.0 m/pc
0	8.38±0.30	9.38±0.30	9.18±0.30	8.98±0.30	1.0 m/pc

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