

TECHNICAL DATA

BC TUBE®

PTFE (Polytetrafluoroethylene) Tube

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

P. LEO & CO LTD

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UL FILE #E176865

Application: PTFE (Polytetrafluoroethylene) 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 (Polytetrafluoroethylene) 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 10 ⁵ /°C)21~100°C	10
Hardness (ShoreD)	59~63	Dielectric strength kV/mm	≥26
		Volume resistance Ω.cm	1X10 ¹⁴

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