# TECHNICAL DATA

## PTFE (Polytetrafluoroethene)Tube
### Product Code: 2T-TFS / 2T-TFT / 2T-TFL

## P. LEO & CO LTD

P.O. Box 175 Fo Tan, Shatin, Hong Kong.
Telephone : (852) 2604-8222 * Facsimile : (852) 2693-2093
E-mail : sales@pleo.com * Web Site : http://www.pleo.com

**UL FILE #E176865**

**Application**: PTFE (Polytetrafluoroethene) 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℃～200℃
**Standard :** UL224 VW-1C-UL CSA22.20FT
**Standard color :** Clear (Natural)

## PTFE (Polytetrafluoroethene) Tube Characters:

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

**RoHS COMPLIANT**