



(1)Temperature range:-60 °C - 200°C

(2) It has been specially processed, no poison and no smell, flaming resistance, good heatproof,aging resistance, it can bear 200 °C high temperature, high voltage and cook for many times.

(3) It is slick surface, soft and flexible

(4) It applies to the pipe of drinking water system, the heat insulation and insulation of electricity, the inside join of refrigeration equipment and gas apparatus. Adopt high quality material,can be processed tube, it be produced according of the standard of medical treatment.

(5) It is harmless to health, softness, non-toxic,water-fast, odorlessness, durable

(6).Density range from 1.13 to 1.19,fast rebound,low thermal conductivity

(7).Valcanization within 48 hours

一. **Specifications:**

Item	(Test Method)	(Specifications)
(Specific Gravity) (g/cm ³)	ASTM D792	2.16
(Rated Voltage) (V)	UL-224	600V/300V
UL Rated Temperature (°C)	--	-80~200
Tensile Strength (MPa)	ASTM D638	24.5
Elongation Ratio (%)	ASTM D638	350
(Flexural Modulus) (MPa)	ASTM D790	490

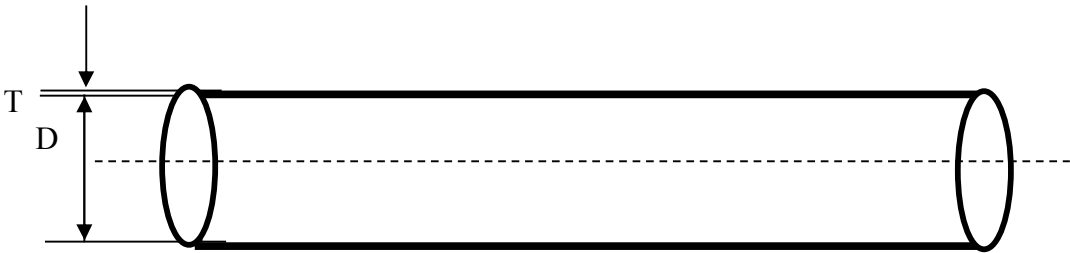
(Impact Strength)	ASTM D256+23°C-54°CJ/m	-No Break-107
(Hardness)	ASTM D2240	55
(Coefficient Of Dynamic Friction)	--	0.1
(Melting Poin °C)	--	327
(Service Temperature 20000h With 50% Retention Of Ultimate Elongation)	--	260
(Inflammability)	UL-224	VW-1
(Dielectric Constant At 10 ³ -10 ⁶ Hz)	ASTM D150	2.1
(2500V/60s) Dielectric Strength	UL-224	YES
(Dissipation Factor At 10 ⁶ Hz)	ASTM D150	0.0002
(Arc Resistance) (S)	ASTM D495 (Stainless Steel Electrodes)	>300
(Ω·cm) (Volume Resistivity)	ASTM D257	>10 ¹⁸
(Weather Resistance)	“Weather-O-Meter” (2000h)	无裂纹 No cracking
(Solvent Resistance)	ASTM D543	优 Excellent
(Chemical Resistance)	ASTM D543	优 Excellent

PTFE Tube Standart Sizes:

(AWG)	(mm) (Inside diameter)	(mm) Wall-thickness			Packing Length (Meter/Roll)		
		(S-TYPE)	(T-TYPE)	(L-TYPE)	S-TYPE	T-TYPE	L-TYPE
30	0.30±0.05	0.23±0.05	0.23±0.05	0.15±0.04	305	305	305
28	0.38±0.05				305	305	305
26	0.46±0.05				305	305	305
24	0.56±0.05	0.30±0.06	0.25±0.06		305	305	305
23	0.66±0.05				305	305	305
22	0.71±0.05				305	305	305
21	0.81±0.05	0.40±0.07	0.30±0.06		305	305	305
20	0.86±0.05				305	305	305
19	0.96±0.05				305	305	305
18	1.07±0.05				305	305	305
17	1.19±0.05			305	305	305	
16	1.34±0.05			153	305	305	
15	1.50±0.05	153	153	305			

14	1.68±0.08			0.20±0.05	153	153	153
13	1.93±0.08				153	153	153
12	2.16±0.08				153	153	153
11	2.41±0.08				100	153	153
10	2.69±0.08				100	100	153
9	3.00±0.08				100	100	100
8	3.38±0.08				50	50	100
7	3.76±0.08				50	50	50
6	4.22±0.08				50	50	50
5	4.72±0.10				50	50	50
4	5.28±0.10	0.50±0.07	0.38±0.07	0.25±0.06	100	100	100
3	5.94±0.10				100	100	100
2	6.68±0.10				100	100	100
1	7.46±0.10				100	100	100
0	8.38±0.10				100	100	100

PTFE Engineering Picture of CHANGBAO PTFE Tube



Remark:

- 1.PTFE Tube No Printing
- 2.Standard Color is Clear
- 3.Prohibite Burning

Unit(mm):	Date: 20016-7-13	Name: S-909 PTFE TUBING	No.: SL/TT
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Material:

PTFE Tubing's main material is PTFE.Do not add any additives.It accords with environmental protection requirement of SONY.

Material			Purpose	Content	Supplier	CAS NO.
Chinese	ENGLISH	molecular formula				
聚四氟乙 烯	PTFE	(CF ₄ -CF ₄) _m	Main	100%	Japanese dajin	9002- 84-0