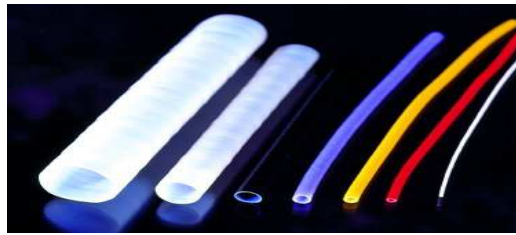


## CB-TT(L/S/T) Series PTFE Non Heat-shrinkable Tubing

CB-TT series PTFE tubing features high temperature (260°C) resistance, corrosion resistance, excellent insulation and mechanical strength properties. This tubing is widely used throughout the electrical and chemical industries, and its high temperature rating allows aerospace, military, computer and power transmission applications. This product is UL listed under file number E180908. All are F mark.



### Technical Data:

Item	Test Method	Unit	Typical Data
Specific Gravity	ASTM D792	g/cm <sup>3</sup>	2.16
Tensile strength	ASTM D638	M Pa	24.5
Elongation at break	ASTM D638	%	350
Flexural Modulus	ASTM D790	M Pa	490
Impact Strength	ASTM D256+23°C-54°Cj/m		-No break- 107
Hardness	ASTM D2240	Shore D	55
Coefficient of Dynamic Friction			0.1
Melting Point		°C	327
Service Temperature 20000h with 50% Retention Of Elongation at break		°C	260
Flammability	UL-224		VW-1
Dielectric Constant At 10 <sup>3</sup> -10 <sup>6</sup> Hz	ASTM D150		2.1
Dissipation Factor At 10 <sup>6</sup> Hz	ASTM D150		0.0002
Arc Resistance	ASTMD495 (Stainless steel electrodes)	S	>300
Volume Resistance	ASTM D257	Ω cm	>10 <sup>18</sup>
Weather Resistance	“Weather-o-meter”(2000h)		No break
Solvent Resistance	ASTM D543		Excellent
Chemical Resistance	ASTM D543		Excellent

### Dimensions:

PTFE Insulation Tubing						
Size	ID ( □ )			OD ( □ )		
AWG	MIN	NOR	MAX	CB-TT(S)	CB-TT(T)	CB-TT(L)
30	0.25	0.30	0.38	0.76	0.76	0.60
28	0.33	0.38	0.46	0.84	0.84	0.68

26	0.41	0.46	0.53	0.92	0.92	0.76
24	0.51	0.56	0.66	1.16	1.06	0.86
23	0.58	0.66	0.74	1.26	1.16	0.96
22	0.66	0.71	0.81	1.31	1.21	1.01
21	0.74	0.81	0.89	1.41	1.31	1.11
20	0.81	0.86	0.97	1.66	1.46	1.16
19	0.91	0.96	1.07	1.76	1.56	1.26
18	1.01	1.07	1.17	1.87	1.67	1.37
17	1.14	1.19	1.32	1.99	1.79	1.49
16	1.29	1.34	1.47	2.14	1.94	1.64
15	1.45	1.50	1.65	2.30	2.10	1.80
14	1.62	1.68	1.83	2.48	2.28	2.08
13	1.83	1.93	2.05	2.73	2.53	2.33
12	2.05	2.16	2.31	2.96	2.77	2.56
11	2.31	2.41	2.57	3.21	3.01	2.81
10	2.59	2.69	2.84	3.49	3.29	3.09
9	2.90	3.00	3.15	4.00	3.76	3.40
8	3.28	3.38	3.53	4.38	4.14	3.78
7	3.65	3.76	3.94	4.76	4.52	4.16
6	4.11	4.22	4.41	5.22	4.98	4.72
5	4.62	4.72	4.95	5.72	5.48	5.22
4	5.18	5.28	5.53	6.28	6.04	5.78
3	5.81	5.94	6.20	6.94	6.70	6.44
2	6.55	6.68	6.93	7.68	7.44	7.18
1	7.34	7.46	7.75	8.46	8.22	7.96
0	8.26	8.38	8.69	9.38	9.14	8.88

Standard color: clear(natural)