

Standard :UL224 VW-1C-UL CSA22.2OFT

UL file No. :E203950

**Product Introduction:**

PTFE Tube manufactured by extrusion process with PTFE. PTFE has excellent chemical resistance, heat resistance, weather resistance .it widely used in Science&Technology field ,such as in chemistry ,instruments, mechanical industries ,communications etc .

**Characteristics:**

- 1.Operating Temperature : $-80^{\circ}\text{C}\sim 260^{\circ}\text{C}$
- 2.excellent anti-corrosion (anti-acid/alkaline/chemical/oil )
- 3.High voltage resistance (45kv/mm)

Standard color :clear .

**Technical Data:**

Property	Standard	Property	Standard
Relative density	2.14 ~ 2.20	Melting point ( $^{\circ}\text{C}$ )	327
Tensile strength (MPa)	$\geq 25$	operating temperature ( $^{\circ}\text{C}$ )	$-80 \sim 260$
Tensile bend strength (MPa)	$\geq 11$	Oxygen index (%)	$> 90$
Elongation (%)	$\geq 300$	Water absorption (%)	$< 0.01$
Bending elongation	$> 300$	Linear dilatibility index ( $\times 10^5/^{\circ}\text{C}$ ) $21 \sim 100^{\circ}\text{C}$	10
Shore durometer (D)	59 ~ 63	Dielectric strength(kv/mm)	$\geq 45$
		Volume resistance ( $\Omega \cdot \text{cm}$ )	$1 \times 10^{14}$

**Specification:**

AWG	I.D. (mm)	O.D. (mm)(S)	O.D. (mm)(T)	O.D. (mm)(L)	STANDARD PACKAGE (meter/coil)
30	$0.30 \pm 0.10$	$0.80 \pm 0.10$	$0.70 \pm 0.10$	$0.60 \pm 0.10$	305
28	$0.38 \pm 0.10$	$0.88 \pm 0.10$	$0.78 \pm 0.10$	$0.68 \pm 0.10$	305
26	$0.46 \pm 0.10$	$0.96 \pm 0.10$	$0.86 \pm 0.10$	$0.76 \pm 0.10$	305
24	$0.56 \pm 0.10$	$1.16 \pm 0.10$	$1.06 \pm 0.10$	$0.86 \pm 0.10$	305
23	$0.66 \pm 0.10$	$1.26 \pm 0.10$	$1.16 \pm 0.10$	$0.96 \pm 0.10$	305
22	$0.71 \pm 0.10$	$1.31 \pm 0.10$	$1.21 \pm 0.10$	$1.01 \pm 0.10$	305
21	$0.81 \pm 0.10$	$1.41 \pm 0.10$	$1.31 \pm 0.10$	$1.11 \pm 0.10$	305
20	$0.86 \pm 0.10$	$1.66 \pm 0.10$	$1.46 \pm 0.10$	$1.16 \pm 0.10$	305
19	$0.96 \pm 0.20$	$1.76 \pm 0.20$	$1.56 \pm 0.20$	$1.26 \pm 0.20$	200
18	$1.07 \pm 0.20$	$1.87 \pm 0.20$	$1.67 \pm 0.20$	$1.37 \pm 0.20$	200
17	$1.19 \pm 0.20$	$1.99 \pm 0.20$	$1.79 \pm 0.20$	$1.49 \pm 0.20$	200
16	$1.34 \pm 0.20$	$2.14 \pm 0.20$	$1.94 \pm 0.20$	$1.64 \pm 0.20$	153
15	$1.50 \pm 0.20$	$2.30 \pm 0.20$	$2.10 \pm 0.20$	$1.80 \pm 0.20$	153
14	$1.68 \pm 0.20$	$2.48 \pm 0.20$	$2.28 \pm 0.20$	$2.08 \pm 0.20$	100
13	$1.93 \pm 0.20$	$2.73 \pm 0.20$	$2.53 \pm 0.20$	$2.33 \pm 0.20$	100
12	$2.16 \pm 0.25$	$2.96 \pm 0.25$	$2.76 \pm 0.25$	$2.56 \pm 0.25$	100
11	$2.41 \pm 0.25$	$3.21 \pm 0.25$	$3.01 \pm 0.25$	$2.81 \pm 0.25$	100
10	$2.69 \pm 0.25$	$3.49 \pm 0.25$	$3.29 \pm 0.25$	$3.09 \pm 0.25$	100
9	$3.00 \pm 0.25$	$4.00 \pm 0.25$	$3.80 \pm 0.25$	$3.40 \pm 0.25$	100
8	$3.38 \pm 0.25$	$4.38 \pm 0.25$	$4.18 \pm 0.25$	$3.78 \pm 0.25$	100
7	$3.76 \pm 0.25$	$4.76 \pm 0.25$	$4.56 \pm 0.25$	$4.16 \pm 0.25$	100
6	$4.22 \pm 0.25$	$5.22 \pm 0.25$	$5.02 \pm 0.25$	$4.80 \pm 0.25$	100
5	$4.72 \pm 0.25$	$5.72 \pm 0.25$	$5.52 \pm 0.25$	$5.32 \pm 0.25$	50
4	$5.28 \pm 0.30$	$6.28 \pm 0.30$	$6.08 \pm 0.30$	$5.88 \pm 0.25$	1.0 meter/pc
3	$5.94 \pm 0.30$	$6.94 \pm 0.30$	$6.74 \pm 0.30$	$6.54 \pm 0.25$	1.0 meter/pc
2	$6.68 \pm 0.30$	$7.68 \pm 0.30$	$7.48 \pm 0.30$	$7.28 \pm 0.25$	1.0 meter/pc
1	$7.46 \pm 0.30$	$8.46 \pm 0.30$	$8.26 \pm 0.30$	$8.06 \pm 0.25$	1.0 meter/pc
0	$8.38 \pm 0.30$	$9.38 \pm 0.30$	$9.18 \pm 0.30$	$8.98 \pm 0.25$	1.0 meter/pc