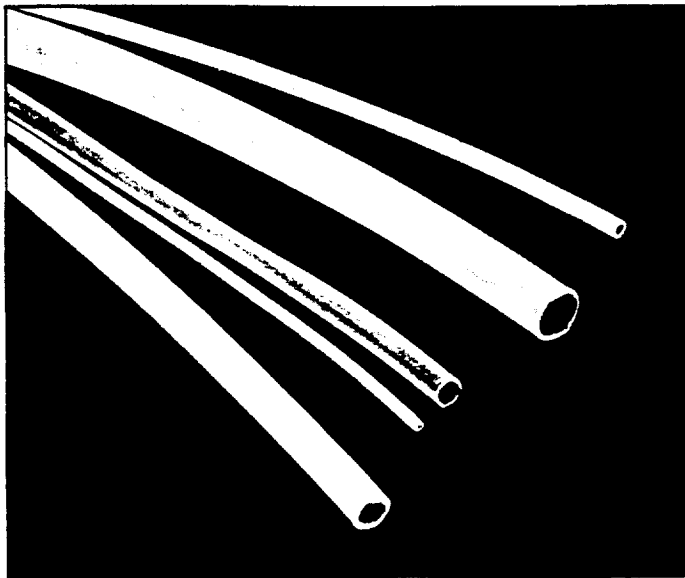


TEFLON® TUBING

TFT - 200, 250, 400



FEATURES/ BENEFITS:

- Superior dielectric strength at high frequencies
- Excellent heat and chemical resistance

PRODUCT DESCRIPTION:

Alpha Teflon tubing offers all the unique thermal, electrical and mechanical properties of Teflon. Teflon tubing is rated for continuous operation at 260°C and retains an exceptional toughness and flexibility throughout its range. At high frequencies, the dielectric strength of Teflon is many times that of other insulating materials. Teflon tubing is completely inert and has zero moisture absorption. All Teflon tubing types have the same electrical and chemical characteristics.

ORDERING INFORMATION:

Alpha Part No. and Size (AWG)			Nom. Inside Dia.		TFT-200 Nom. Wall Thickness		TFT-250 Nom. Wall Thickness		TFT-400 Nom. Wall Thickness		TFT-200, 250 Standard Put-up		TFT-400 Standard Put-up	
Thin Wall	Standard Wall	Extra-Thin Wall	Inches	mm	Inches	mm	Inches	mm	Inches	mm	FL		FL	
TFT-200-30	—	TFT-400-30	0.012	0.30	0.009	0.22	—	—	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-300-28	—	TFT-400-28	0.015	0.38	0.009	0.22	—	—	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-26	—	TFT-400-26	0.018	0.45	0.009	0.22	—	—	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-24	TFT-250-24	TFT-400-24	0.022	0.55	0.010	0.25	0.012	0.30	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-22	TFT-250-22	TFT-400-22	0.028	0.71	0.010	0.25	0.012	0.30	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-20	TFT-250-20	TFT-400-20	0.034	0.86	0.012	0.30	0.016	0.41	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-19	TFT-250-19	TFT-400-19	0.038	0.96	0.012	0.30	0.016	0.41	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-18	TFT-250-18	TFT-400-18	0.042	1.07	0.012	0.30	0.016	0.41	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-17	TFT-250-17	TFT-400-17	0.047	1.19	0.012	0.30	0.016	0.41	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-16	TFT-250-16	TFT-400-16	0.053	1.35	0.012	0.30	0.016	0.41	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-15	TFT-250-15	TFT-400-15	0.059	1.50	0.012	0.30	0.016	0.41	0.006	0.15	100, 500, 1000	Spools	100, 500, 1000	Spools
TFT-200-14	TFT-250-14	TFT-400-14	0.066	1.68	0.012	0.30	0.016	0.41	0.008	0.20	100, 500,	Spools	100, 500,	Spools
TFT-200-13	TFT-250-13	TFT-400-13	0.076	1.93	0.012	0.30	0.016	0.41	0.008	0.20	100, 500,	Spools	100, 500,	Spools
TFT-200-12	TFT-250-12	TFT-400-12	0.085	2.16	0.012	0.30	0.016	0.41	0.008	0.20	100, 500,	Spools	100, 500,	Spools
TFT-200-11	TFT-250-11	TFT-400-11	0.095	2.41	0.012	0.30	0.016	0.41	0.008	0.20	100, 500,	Spools	100, 500,	Spools
TFT-200-10	TFT-250-10	TFT-400-10	0.106	2.69	0.012	0.30	0.016	0.41	0.008	0.20	100, 500,	Spools	100, 500,	Spools
TFT-200-9	TFT-250-9	TFT-400-9	0.118	3.00	0.015	0.38	0.020	0.50	0.008	0.20	100, 500,	Spools	100, 500,	Coils
TFT-200-8	TFT-250-8	TFT-400-8	0.133	3.38	0.015	0.38	0.020	0.50	0.008	0.20	100,	Coils	100, 500,	Coils
TFT-200-7	TFT-250-7	TFT-400-7	0.148	3.76	0.015	0.38	0.020	0.50	0.008	0.20	100,	Coils	100, 500,	Coils
TFT-200-6	TFT-250-6	TFT-400-6	0.166	4.22	0.015	0.38	0.020	0.50	0.010	0.25	100,	Coils	100,	Coils
TFT-200-5	TFT-250-5	TFT-400-5	0.186	4.73	0.015	0.38	0.020	0.50	0.010	0.25	100,	Coils	100,	Coils
TFT-200-4	TFT-250-4	TFT-400-4	0.208	5.28	0.015	0.38	0.020	0.50	0.010	0.25	100,	Coils	100,	Coils
TFT-200-3	TFT-250-3	—	0.234	5.94	0.015	0.38	0.020	0.50	—	—	100	Coils	—	—
TFT-200-2	TFT-250-2	—	0.263	6.68	0.015	0.38	0.020	0.50	—	—	100	Coils	—	—
TFT-200-1	TFT-250-1	—	0.294	7.47	0.015	0.38	0.020	0.50	—	—	100	Coils	—	—
TFT-200-0	TFT-250-0	—	0.330	8.38	0.015	0.38	0.020	0.50	—	—	100	Coils	—	—

Standard Colors: TFT-200-30 to TFT-200-8; Natural and Black; TFT-200-7 to TFT-200-0; Natural only. TFT-250; Natural only. TFT-400; Natural only.

CHARACTERISTICS:

Operating Temperature:

- -65°C to +260°C

Physical Properties:

- Tensile strength: 3000 psi, nominal
- Elongation: 500%
- Specific gravity: 2.15

Chemical Properties:

- Corrosive effect: Non-corrosive
- Flammability: Self-extinguishing, does not support combustion
- Fungus resistance: Does not support growth
- Water absorption: 0%

Electrical Properties:

- Dielectric strength: 550 V/mil (216.5 kV/cm)

APPLICABLE SPECIFICATIONS:

- TFT • 200-AMS 3655, ASTM D 3295
- TFT • 250-AMS 3653, ASTM D 3295

