

TFE UL Styles, CSA Class I

Group A/B FT1

Applications

For use in internal wiring of electronic equipment and appliances. TFE lead wires have a low coefficient of friction which promotes easy handling. TFE insulation also resists hot soldering irons, is self-extinguishing, non-flammable, has excellent chemical resistance and is suitable for immersion in gasoline, gasoline vapor and at 80° C. maximum, oil.

	UL 1164	UL 1180	UL 1198	UL 1199	UL 1212	UL 1213	UL 1659
Voltage Rating	300	300	600	600	NR	150 CSA	600
Temperature (° C.)	150	200	150	200	80	105	250
Conductor Type	SPC	SPC	SPC	SPC	SPC	SPC	NPC
AWG Size & stranding	Insulation thickness (mils) / Overall diameter (inches)						
30 1/.0100"	13/.036	-	-	20/.050	10/.030	10/.030	20/.050
30 7/.0040"	13/.038	-	-	20/.052	10/.032	10/.032	20/.052
28 1/.0126"	13/.039	13/.039	-	20/.053	10/.033	10/.033	20/.053
28 7/.0050"	13/.041	13/.041	-	20/.055	10/.035	10/.035	20/.055
28 19/.0031"	13/.041	13/.041	-	20/.055	10/.035	10/.035	20/.055
26 1/.0159"	13/.042	13/.042	-	20/.056	10/.036	10/.036	20/.056
26 7/.0063"	13/.045	13/.045	20/.059	20/.059	10/.039	10/.039	20/.059
26 19/.0040"	13/.045	13/.045	20/.059	20/.059	10/.039	10/.039	20/.059
24 1/.2010"	13/.046	13/.046	20/.060	20/.060	10/.040	10/.040	20/.060
24 7/.0080"	13/.050	13/.050	20/.064	20/.064	10/.044	10/.044	20/.064
24 19/.0050"	13/.049	13/.049	20/.063	20/.063	10/.043	10/.043	20/.063
22 1/.0253"	13/.049	13/.049	20/.065	20/.065	10/.045	10/.045	20/.065
22 7/.0100"	13/.056	13/.056	20/.070	20/.070	10/.050	10/.050	20/.070
22 19/.0063"	13/.056	13/.056	20/.070	20/.070	10/.050	10/.050	20/.070
20 1/.0320"	13/.048	13/.048	20/.072	20/.072	10/.052	10/.052	20/.072
20 7/.0126"	13/.064	13/.064	20/.078	20/.078	10/.058	10/.058	20/.078
20 19/.0080"	13/.064	13/.064	20/.078	20/.078	10/.058	10/.058	20/.078
18 1/.962"	13/.066	13/.066	20/.080	20/.080	-	-	20/.080
18 7/.0159"	13/.074	13/.074	20/.088	20/.088	-	-	20/.088
18 19/0100"	13/.073	13/.073	20/.087	20/.087	-	-	20/.087
16 19/.0117"	13/.082	13/.082	20/.096	20/.096	-	-	20/.096
14 19/.0147"	13/.195	13/.195	20/.109	20/.109	-	-	20/.109
12 19/.0185"	13/.114	13/.114	20/.128	20/.128	-	-	20/.128
10 37/.0157"	13/.140	13/.140	20/.154	20/.154	-	-	20/.154

All figures referenced are nominal.

Modèles TFE UL, CSA classe 1

Groupe A/B FT1

Applications

Câblage interne d'équipement électronique et d'appareils. Les fils conducteurs TFE ont un faible coefficient de frottement, ce qui facilite la manutention. L'isolant TFE résiste également aux fers à souder chauds et aux produits chimiques, est auto-extinguible, ininflammable, et convient à l'immersion dans l'essence, dans les vapeurs d'essence et dans l'huile jusqu'à 80 °C maximum.

	UL 1164	UL 1180	UL 1198	UL 1199	UL 1212	UL 1213	UL 1659
Tension nominale	300	300	600	600	NR	150 CSA	600
Température (°C)	150	200	150	200	80	105	250
Type de conducteur	Cuivre plaq. argent	Cuivre plaq. argent	Cuivre plaq. argent	Cuivre plaq. argent	Cuivre plaq. argent	Cuivre plaq. argent	Cuivre nickelé
Calibre AWG et toronnage	Épaisseur de l'isolant (mils) / Diamètre hors tout (pouces)						
30 1/.0100"	13/.036	-	-	20/.050	10/.030	10/.030	20/.050
30 7/.0040"	13/.038	-	-	20/.052	10/.032	10/.032	20/.052
28 1/.0126"	13/.039	13/.039	-	20/.053	10/.033	10/.033	20/.053
28 7/.0050"	13/.041	13/.041	-	20/.055	10/.035	10/.035	20/.055
28 19/.0031"	13/.041	13/.041	-	20/.055	10/.035	10/.035	20/.055
26 1/.0159"	13/.042	13/.042	-	20/.056	10/.036	10/.036	20/.056
26 7/.0063"	13/.045	13/.045	20/.059	20/.059	10/.039	10/.039	20/.059
26 19/.0040"	13/.045	13/.045	20/.059	20/.059	10/.039	10/.039	20/.059
24 1/.2010"	13/.046	13/.046	20/.060	20/.060	10/.040	10/.040	20/.060
24 7/.0080"	13/.050	13/.050	20/.064	20/.064	10/.044	10/.044	20/.064
24 19/.0050"	13/.049	13/.049	20/.063	20/.063	10/.043	10/.043	20/.063
22 1/.0253"	13/.049	13/.049	20/.065	20/.065	10/.045	10/.045	20/.065
22 7/.0100"	13/.056	13/.056	20/.070	20/.070	10/.050	10/.050	20/.070
22 19/.0063"	13/.056	13/.056	20/.070	20/.070	10/.050	10/.050	20/.070
20 1/.0320"	13/.048	13/.048	20/.072	20/.072	10/.052	10/.052	20/.072
20 7/.0126"	13/.064	13/.064	20/.078	20/.078	10/.058	10/.058	20/.078
20 19/.0080"	13/.064	13/.064	20/.078	20/.078	10/.058	10/.058	20/.078
18 1/.962"	13/.066	13/.066	20/.080	20/.080	-	-	20/.080
18 7/.0159"	13/.074	13/.074	20/.088	20/.088	-	-	20/.088
18 19/0100"	13/.073	13/.073	20/.087	20/.087	-	-	20/.087
16 19/.0117"	13/.082	13/.082	20/.096	20/.096	-	-	20/.096
14 19/.0147"	13/.195	13/.195	20/.109	20/.109	-	-	20/.109
12 19/.0185"	13/.114	13/.114	20/.128	20/.128	-	-	20/.128
10 37/.0157"	13/.140	13/.140	20/.154	20/.154	-	-	20/.154

Toutes les valeurs citées sont nominales.