

# 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
<b>Voltage Rating</b>	300	300	600	600	NR	150 CSA	600
<b>Temperature (° C.)</b>	150	200	200	200	80	105	250
<b>Conductor Type</b>	SPC	SPC	SPC	SPC	SPC	SPC	NPC
<b>AWG Size &amp; Stranding</b>	<b>Insulation Thickness (mils) / Overall diameter (inches)</b>						
30 1/.0100"	15/.040	-	-	20/.050	10/.030	10/.030	20/.050
30 7/.0040"	15/.042	-	-	20/.502	10/.032	10/.032	20/.052
28 1/.0126"	15/.043	13/.039	-	20/.053	10/.033	10/.033	20/.053
28 7/.0050"	15/.045	13/.041	-	20.055	10/.035	10/.035	20.055
28 19/.0031"	15/.045	13/.041	-	20/.055	10/.035	10/.035	20/.055
26 1/.0159"	15/.046	13/.042	-	20/.056	10/.036	10/.036	20/.056
26 7/.0063"	15/.049	13/.045	15/.049	20/.059	10/.039	10/.039	20/.059
26 19/.0040"	15/.049	13/.045	15/.049	20/.059	10/.039	10/.039	20/.059
24 1/.2010"	15/.050	13/.046	15/.050	20/.060	10/.040	10/.040	20/.060
24 7/.0080"	15/.054	13/.050	15/.054	20/.064	10/.044	10/.044	20/.064
24 19/.0050"	15/.053	13/.049	15/.053	20/.063	10/.043	10/.043	20/.063
22 1/.0253"	15/.055	13/.049	15/.055	20/.065	10/.045	10/.045	20/.065
22 7/.0100"	15/.060	13/.056	15/.060	20/.070	10/.050	10/.050	20/.070
22 19/.0063"	15/.060	13/.056	15/.060	20/.070	10/.050	10/.050	20/.070
20 1/.0320"	15/.062	13/.048	15/.062	20/.072	10/.052	10/.052	20/.072
20 7/.0126"	15/.068	13/.064	15/.068	20/.078	10/.058	10/.058	20/.078
20 19/.0080"	15/.068	13/.064	15/.068	20/.078	10/.058	10/.058	20/.078
18 1/.962"	15/.070	13/.066	15/.070	20/.080	-	-	20/.080
18 7/.0159"	15/.078	13/.074	15/.078	20/.088	-	-	20/.088
18 19/.0100"	15/.077	13/.073	15/.077	20/.087	-	-	20/.087
16 19/.0117"	15/.086	13/.082	15/.086	20/.096	-	-	20/.096
14 19/.0147"	15/.099	13/.095	15/.099	20/.109	-	-	20/.109
12 19/.0185"	15/.118	13/.114	15/.118	20/.128	-	-	20/.128
10 37/.0157"	15/.144	13/.140	15/.144	20/.154	-	-	20/.154

\*Not CSA approved  
All figures referenced are nominal.



**Harbour**  
INDUSTRIES

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