

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 | 200 | 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" | 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

802-985-3311 U.S.