

FEP UL Styles, CSA Class I Group A/B FT1

Applications

For use in internal wiring of electronic equipment and appliances. FEP is not affected by weathering, ozone or corrosive environments, resists hot soldering irons, is self extinguishing, and is non-flammable, has excellent chemical resistance and is suitable for immersion in gasoline, gasoline vapor and at 80° C. (UL) and 60° C. (CSA) maximum, oil.

	UL 1226*	UL 1227*	UL 1330	UL 1331*	UL 1332	UL 1333
Voltage Rating	N/A	N/A	600	600	300	300
Temperature (° C.)	80	105	200(UL) 180 (CSA)	150	200 (UL) 180 (CSA)	105
Conductor Type	TPC	TPC	TPC or SPC	TPC	TPC or SPC	TPC
AWG size & stranding	Insulation thickness (mils) / Overall diameter (inches)					
30 1/.0100"	10/.030	10/.030	20/.050	20/.050	15/.040	15/.040
30 7/.0040"	10/.032	10/.032	20/.052	20/.052	15/.042	15/.042
28 1/.0126"	10/.033	10/.033	20/.053	20/.053	15/.043	15/.043
28 7/.0050"	10/.035	10/.035	20/.055	20/.055	15/.045	15/.045
28 19/.0031"	10/.035	10/.035	20/.055	20/.055	15/.045	15/.045
26 1/.0159"	10/.036	10/.036	20/.056	20/.056	15/.046	15/.046
26 7/.0063"	10/.039	10/.039	20/.059	20/.059	15/.049	15/.049
26 19/.0040"	10/.039	10/.039	20/.059	20/.059	15/.049	15/.049
24 1/.2010"	10/.040	10/.040	20/.060	20/.060	15/.050	15/.050
24 7/.0080"	10/.044	10/.044	20/.064	20/.064	15/.054	15/.054
24 19/.0050"	10/.043	10/.043	20/.063	20/.063	15/.053	15/.053
22 1/.0253"	10/.045	10/.045	20/.065	20/.065	15/.055	15/.055
22 7/.0100"	10/.050	10/.050	20/.070	20/.070	15/.060	15/.060
22 19/.0063"	10/.050	10/.050	20/.070	20/.070	15/.062	15/.062
20 1/.0320"	10/.052	10/.052	20/.072	20/.072	15/.068	15/.068
20 7/.0126"	10/.058	10/.058	20/.078	20/.078	15/.068	15/.068
20 19/.0080"	10/.059	10/.059	20/.078	20/.078	15/.070	15/.070
18 1/.962"	15/.070	15/.070	20/.080	20/.080	15/.079	15/.079
18 7/.0159"	15/.079	15/.079	20/.089	20/.089	15/.077	15/.077
18 19/.0100"	15/.078	15/.078	20/.087	20/.087	15/.081	15/.081
16 7/.0192"	15/.088	15/.088	20/.098	20/.098	15/.088	15/.088
16 19/.0117"	15/.087	15/.087	20/.096	20/.096	15/.086	15/.086
14 7/.0242"	15/.102	15/.102	20/.112	20/.112	15/.102	15/.102
14 19/.0147"	15/.100	15/.100	20/.109	20/.109	15/.099	15/.099
12 19/.0185"	-	15/.119	20/.129	20/.129	15/.119	15/.119
12 37/.0133"	-	15/.123	20/.133	20/.133	15/.123	15/.123
10 37/.0157"	-	15/.145	20/.155	20/.155	15/.145	15/.145
8 19/.0295"	-	-	30/.201	30/.201	-	-
8 133/.0113"	-	-	30/.220	30/.220	-	-
6 19/.0372"	-	-	30/.241	30/.241	-	-
6 133/.0142"	-	-	30/.262	30/.262	-	-
4 133/.0179"	-	-	30/.325	30/.325	-	-
2 133/.0226"	-	-	30/.395	30/.395	-	-
1 259/.0179"	-	-	45/.462	45/.462	-	-
1/0 259/.0201"	-	-	45/.500	45/.500	-	-
2/0 259/.0226"	-	-	45/.555	45/.555	-	-
4/0 259/.0285"	-	-	45/.676	45/.676	-	-

*Not CSA approved.

All figures referenced are nominal.