

PFA UL Styles

CSA Class I Group A

Applications

For use in internal wiring of electronic equipment and appliances. PFA insulation allows higher wire density due to thin-wall constructions compared with conventional styles. PFA also exhibits superior dielectric properties with a low dissipation factor for rapid signal transmission even at high frequencies.

	UL 1709	UL 1710	UL 1726	UL 1727	UL 1858	UL 1859
Voltage Rating	300	600	300	600	300	600
Temperature (° C.)	200	200	250	250	150	150
Conductor Type	SPC or TPC	SPC or TPC	NPC	NPC	TPC	TPC
AWG size & stranding	Insulation thickness (mils) / Overall diameter (inches)					
30 1/.0100"	15/.040	20/.050	15/.040	20/.050	15/.040	20/.050
30 7/.0040"	15/.042	20/.502	15/.042	20/.502	15/.042	20/.502
28 1/.0126"	15/.043	20/.053	15/.043	20/.053	15/.043	20/.053
28 7/.0050"	15/.045	20.055	15/.045	20.055	15/.045	20.055
28 19/.0031"	15/.045	20/.055	15/.045	20/.055	15/.045	20/.055
26 1/.0159"	15/.046	20/.056	15/.046	20/.056	15/.046	20/.056
26 7/.0063"	15/.049	20/.059	15/.049	20/.059	15/.049	20/.059
26 19/.0040"	15/.049	20/.059	15/.049	20/.059	15/.049	20/.059
24 1/.2010"	15/.050	20/.060	15/.050	20/.060	15/.050	20/.060
24 7/.0080"	15/.054	20/.064	15/.054	20/.064	15/.054	20/.064
24 19/.0050"	15/.053	20/.063	15/.053	20/.063	15/.053	20/.063
22 1/.0253"	15/.055	20/.065	15/.055	20/.065	15/.055	20/.065
22 7/.0100"	15/.060	20/.070	15/.060	20/.070	15/.060	20/.070
22 19/.0063"	15/.060	20/.070	15/.060	20/.070	15/.060	20/.070
20 1/.0320"	15/.062	20/.072	15/.062	20/.072	15/.062	20/.072
20 7/.0126"	15/.068	20/.078	15/.068	20/.078	15/.068	20/.078
20 19/.0080"	15/.068	20/.078	15/.068	20/.078	15/.068	20/.078
18 1/.962"	15/.070	20/.080	15/.070	20/.080	15/.070	20/.080
18 7/.0159"	15/.079	20/.088	15/.078	20/.088	15/.079	20/.088
18 19/.0100"	15/.077	20/.087	15/.077	20/.087	15/.077	20/.087
16 19/.0117"	15/.086	20/.096	15/.086	20/.096	15/.086	20/.096
14 19/.0147"	15/.099	20/.109	15/.099	20/.109	15/.099	20/.109
12 19/.0185"	15/.119	20/.131	15/.118	20/.128	15/.119	20/.128
10 37/.0157"	15/.145	20/.155	15/.144	20/.154	15/.145	20/.154
8 133/.0113"	-	30/.220	20/.202*	30/.222	-	30/.222
6 133/.0142"	-	30/.262	20/.243*	30/.263	-	30/.263
4 133/.0179"	-	30/.325	30/.316*	30/.316	-	30/.316
2 133/.0226"	-	30/.395	30/.390*	30/.390	-	30/.390
1 259/.0179"	-	45/.462	45/.468*	45/.468	-	45/.468
1/0 259/.0201"	-	45/.500	45/.511*	45/.511	-	45/.511
2/0 259/.0226"	-	45/.555	45/.567*	45/.567	-	45/.567
4/0 259/.0285"	-	45/.676	45/.690*	45/.690	-	45/.690

*Not CSA approved

All figures referenced are nominal.