

UL Style Chart

UL LISTS THOUSANDS OF DIFFERENT TYPES OF APPLIANCE WIRING MATERIAL. SOME OF THE MORE COMMON ONES ARE SUMMARIZED BELOW:

UL STYLE	AWG RANGE	MAXIMUM* VOLTAGE	MAXIMUM TEMP. °C	INSULATION TYPE	UL STYLE	AWG RANGE	MAXIMUM* VOLTAGE	MAXIMUM TEMP. °C	INSULATION TYPE
1002	26-16	600	60	SHIELDED CABLE	1158	26-9	300	60	1/32" PVC
1007	32-16	300	80	.015" [†] PVC	1159	8	300	60	3/64" PVC
1011	30-2000 MCM	600	80	.030" [†] PVC	1160	26-16	300	60	.015" PVC OIL EXPOSURE
1013	30-2000 MCM	600	90	.030" [†] PVC	1161	26-9	600	60	1/32" PVC OIL EXPOSURE
1015	30-2000 MCM	600	105	.030" [†] PVC	1163	20-16	300	105	1/32" PVC OIL EXPOSURE
1017	22-8	600	80	3/64" PVC	1164	32-10	300	150	.013" PTFE
1019	8-2	600	80	.060" PVC	1176	26-16	NS	80	SHIELD AND JACKET CABLE
1020	1-4/0	600	80	5/64" PVC	1177	22	300	90	SHIELD AND JACKET CABLE
1021	225-500 MCM	600	80	6/64" PVC	1180	30-8	300	200	.013" PTFE
1022	525-1M MCM	600	80	7/64" PVC	1185	30-4/0	300	80	SHIELD AND JACKET CABLE
1023	1.1-2M MCM	600	80	8/64" PVC	1195	30-14	300	80	.015" SRPVC
1024	22-8	600	90	3/64" PVC	1198	30-8	600	150	.020" [†] PTFE
1026	8-2	600	90	.060" PVC	1199	30-8	600	200	.020" [†] PTFE
1027	1-4/0	600	90	5/64" PVC	1208	30-16	300	80	.013" SRPVC
1028	22-8	600	105	3/64" PVC	1212	36-16	NS	80	.008" PTFE
1030	30-9	1,000	80	.030" PVC	1213	36-16	NS	105	.008" PTFE
1032	30-9	1,000	90	.030" PVC	1283	8,6	600	105	.060" PVC
1037	24-20	300	60	.012" PVC	1284	1-500 MCM	600	105	.080" [†] PVC
1039	26-16	300	80	.015" PVC	1330	26-4/0	600	200	.020" [†] FEP
1041	20-16	300	60	1/32" PVC	1331	26-4/0	600	150	.020" [†] FEP
1043	20-16	300	80	1/32" PVC	1332	30-10	300	200	.013" FEP
1045	20-16	300	90	1/32" PVC	1333	30-10	300	150	.013" FEP
1047	20-16	300	60	3/64" PVC	1341	14-9	600	80	SHIELD AND JACKET CABLE
1049	20-16	300	80	3/64" PVC	1371	32-8	NS	105	.0055" [†] PTFE
1051	20-16	300	90	3/64" PVC	1422	32-20	NS	105	.005" PVDF
1053	18-10	600	60	.060" PVC	1423	32-20	NS	105	.004" PVDF
1054	18-10	600	80	.060" PVC	1429	32-20	150	80	.011" XLPVC
1055	20-10	600	90	.060" PVC	1430	30-16	300	105	.016" XLPVC
1056	20-10	600	105	.060" PVC	1431	30-2	600	105	.032" [†] XLPVC
1057	14-10	600	60	.078" PVC	1444	18-10	1000	90	3/64" PVC
1058	18-10	600	80	.078" PVC	1472	32-20	125	80	.007" XLPVC
1059	18-10	600	90	.078" PVC	1508	32-20	30	105	.0055" ETFE
1060	18-10	600	105	.078" PVC	1513	32-20	NS	105	.005" ETFE
1061	30-16	300	80	.009" SRPVC	1516	32-20	NS	105	.004" ETFE
1062	20-18	300	60	SHIELDED CABLE	1517	32-20	NS	105	.006" ETFE
1063	20-18	300	60	SHIELDED CABLE	1523	32-20	NS	105	.005" ETFE
1064	26-16	600	60	SHIELDED CABLE	1533	30-16	NS	80	SHIELD AND JACKET CABLE
1065	26-16	600	60	SHIELDED CABLE	1534	14	150	80	.012" XLPVC
1084	MISC.	250	75	HEATING WIRE	1536	12-10	150	80	.013" XLPVC
1085	MISC.	250	90	HEATING WIRE	1558	32-20	NS	125	.004" ETFE
1095	30-16	300	80	.012" PVC	1568	30-16	150	80	.009" PVC
1099	28	300	80	1/64" PVC	1569	30-10	300	80/90/105	.015" PVC
1108	30-16	300	80	PTFE/PVC CABLE	1570	24-8	600	250	.020" [†] PTFE
1109	26-16	300	90	SHIELD AND JACKET CABLE	1581	15-10	300	80	.016" PVC
1110	26-16	300	105	OPTIONAL SHIELD/ JACKET CABLE	1605	46 MIN.	30	60	.004"-.050" PVC
1115	30-16	300	80	SHIELD AND JACKET CABLE	1613	26-10	1000	80	SHIELD AND JACKET CABLE
1120	30-4/0	600	105	OPTIONAL SHIELD/ JACKET CABLE	1624	30-16	150	80	.010" PVC
1122	30	300	80	.009" SRPVC	1647	30-9	600	80/90/105	.031" PVC
1123	22-20	300	80	SHIELD AND JACKET CABLE	1659	26-8	600	250	.020" [†] PTFE

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1674	30-16	300	105	.012" PVC	2879	40-24	30	60/80/90/10	MULTI CONDUCTOR SHIELD/JACKET
1692	42 MIN.	30	80/90/105	.004"-.030" PVC	3212	22-10	600	150	SILICONE RUBBER
1726	32-2	300	250	.013" [†] PFA	3213	8-2	600	150	SILICONE RUBBER
1727	32-4/0	600	250	.020" [†] PFA	3214	1-4/0	600	150	SILICONE RUBBER
1788	40-18	30	60	MULTI CONDUCTOR SHIELD/JACKET	3239	22-10	10KV-30KV	150	SILICONE RUBBER
1872	20-9	300	105	GROUND STRAP PVC	3265	32-16	150	125	.011" XLPE
1895	SPECIAL	NS	105	GROUND STRAP PVC	3266	32-10	300	125	.016" XLPE
1896	26-4/0	300	105	GROUND STRAP PVC	3271	30-2	600	125	.032" [†] XLPE
1897	26-4/0	600	105	GROUND STRAP PVC	3272	26-4	600	125	.032" [†] XLPE
1908	26-4/0	300	80	GROUND STRAP PVC	3317	14-10	300	105	.016" XLPVC
1909	26-4/0	600	80	GROUND STRAP PVC	4311	28-16	150	125	XLPE INSULATED CABLE
1994	26-18	1000	80	TEST PROBE	4312	28-10	300	125	XLPE INSULATED CABLE
2095	32 MIN.	300	80	MULTI CONDUCTOR SHIELD/JACKET	4313	26-10	600	125	XLPE INSULATED CABLE
2103	30-10	300	105	LOW VOLTAGE COMPUTER CONN.	5107	22-8	600	450	MICA TAPE + GLASS
2384	40 MIN.	30	60	MULTI CONDUCTOR SHIELD/JACKET	5127	22-8	600	250	PTFE + GLASS
2464	NS	300	80	MULTI CONDUCTOR +.010" JACKET	5128	22-8	300	450	MICA TAPE + GLASS
2509	NS	300	80	MULTI CONDUCTOR WITH JACKET	5180	22-8	300	250	PTFE + GLASS
2654	36-6	300	90	MULTI CONDUCTOR SHIELD/JACKET	10059	36-16	150	105	.009" PVC
2740	NS	600	105	MULTI CONDUCTOR SHIELD/JACKET	10086	32-4/0	600	200	.010" MODIFIED ETFE
2785	NS	300	60	MULTI CONDUCTOR SHIELD/JACKET	10107	30-500 MCM	600	80/90/105	.020" [†] PVC
2835	40 MIN.	30	60	MULTI CONDUCTOR SHIELD/JACKET	10109	32-4/0	300	200	.007" MODIFIED ETFE

†MINIMUM FOR SMALLER AWG SIZES. INSULATION WALL IS INCREASED FOR LARGE AWG SIZES.

*SOME ITEMS MAY BE UPGRATED IF SPECIFIED FOR ELECTRONIC USE ONLY.

ABBREVIATIONS:

PVC - POLYVINYL CHLORIDE.
 SRPVC - SEMI-RIGID POLYVINYL CHLORIDE.
 PTFE - POLYTETRAFLUOROETHYLENE.
 FEP - FLUORONATED ETHYLENE POLYMER.
 PVDF - POLYVINYLIDENE FLUORIDE (KYNAR®).

ETFE - ETHYLENE TETRAFLUOROETHYLENE.
 XLPE - CROSS-LINKED POLYETHYLENE.
 PFA - PERFLUOROALKOXY.
 XLPVC - CROSS-LINKED POLYVINYL CHLORIDE.
 NS - NOT SPECIFIED.