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Partnering ideas with technology

Comparison Chart For UL Wires & Cables

| UL STYLE NUMBER | AWG SIZE RANGE | VOLTAGE RATING | TEMP. RATING | INSULATION | | REMARKS |
|-----------------|----------------|----------------|--------------|------------|---------------|-------------------------------|
| | | | | THICKNESS | MATERIAL | |
| 1007 | 30 - 16 | 300 | 80°C | 1/64 | PVC | Internal wiring of appliances |
| 1009 | 28 - 16 | 300 | 90°C | 1/64 | PVC | Internal wiring of appliances |
| 1010 | 28 - 16 | 300 | 105°C | 1/64 | PVC / nylon | Internal wiring of appliances |
| 1011 | 28 - 9 | 600 | 80°C | 1/32 | PVC | Internal wiring of appliances |
| 1012 | 28 - 9 | 600 | 80°C | 1/32 | PVC / nylon | Internal wiring of appliances |
| 1013 | 28 - 9 | 600 | 90°C | 1/32 | PVC | Internal wiring of appliances |
| 1014 | 28 - 9 | 600 | 90°C | 1/32 | PVC / nylon | Internal wiring of appliances |
| 1015 | 28 - 9 | 600 | 105°C | 1/32 | PVC | Internal wiring of appliances |
| 1016 | 28 - 9 | 600 | 105°C | 1/32 | PVC / nylon | Internal wiring of appliances |
| 1024 | 22 - 8 | 600 | 80°C | 1/64 | PVC | Internal wiring of appliances |
| 1028 | 22 - 8 | 600 | 105°C | 1/64 | PVC | Internal wiring of appliances |
| 1061 | 30 - 16 | 300 | 80°C | 0.009" | Semirigid PVC | Internal wiring of machines |
| 1095 | 30 - 16 | 300 | 80°C | 0.012" | PVC | Internal wiring of machines |
| 1096 | 30 - 16 | 300 | 80°C | 0.012" | PVC / nylon | Internal wiring of machines |
| 1164 | 28 - 12 | 300 | 150°C | 0.013" | TFE | Office appliances |
| 1180 | 28 - 10 | 300 | 200°C | 0.013" | TFE | Office appliances |
| 1198 | 26 - 8 | 600 | 150°C | 0.020" | TFE | Office appliances |
| 1199 | 26 - 8 | 600 | 200°C | 0.020" | TFE | Office appliances |
| 1212 | 32 - 20 | Not rated | 80°C | 0.008" | TFE | Office appliances |
| 1213 | 32 - 20 | Not rated | 105°C | 0.008" | TFE | Office appliances |
| 1226 | 32 - 20 | Not rated | 80°C | 0.010" | FEP | Back panel wiring |
| 1227 | 30 - 20 | Not rated | 105°C | 0.010" | FEP | Back panel wiring |
| 1293 | 30 - 20 | Not rated | 105°C | 0.010" | FEP / nylon | Office equipment |
| 1294 | 26 - 20 | Not rated | 80°C | 0.010" | FEP / nylon | Office equipment |
| 1327 | 30 - 16 | Not rated | 105°C | 0.010" | Kynar® | Office appliances |
| 1330 | 28 - 10 | 600 | 150°C | 0.020" | FEP | Office equipment |
| 1331 | 28 - 10 | 600 | 200°C | 0.020" | FEP | Office equipment |
| 1332 | 28 - 10 | 300 | 200°C | 0.013" | FEP | Office equipment |
| 1333 | 28 - 10 | 300 | 150°C | 0.013" | FEP | Office equipment |

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| | | | | THICKNESS | MATERIAL | |
| 1351 | 30 - 16 | Not rated | 80°C | 0.010" | Kynar® | Office appliances |
| 1354 | - | 30 | 60°C | - | - | Coaxial cable |
| 1355 | 32 - 20 | Not rated | 200°C | 0.0055" | FEP - polyimide | |
| 1371 | 32 - 6 | Not rated | 105°C | 0.0055 - 0.020" | FEP | |
| | | | | 0.006 - 0.020" | PTFE | |
| 1394 | 32 - 20 | Not rated | 200°C | 0.0055" | PTFE - polyimide | |
| 1422 | 32 - 20 | Not rated | 105°C | 0.005" | Kynar® | Back panel wiring |
| 1423 | 32 - 20 | Not rated | 105°C | 0.004" | Kynar® | Back panel wiring |
| 1426 | 32 - 20 | Not rated | 105°C | 0.006" | Kynar® | Back panel wiring |
| 1429 | 30 - 16 | 150 | 80°C | 0.010" | Irradiated PVC | Internal wiring of appliances |
| 1430 | 30 - 16 | 300 | 105°C | 0.015" | Irradiated PVC | Internal wiring of appliances |
| 1431 | 30 - 10 | 600 | 105°C | 0.030" | Irradiated PVC | Motor lead |
| 1431 | 8 | 600 | 105°C | 0.045" | Irradiated PVC | Motor lead |
| 1431 | 6 - 2 | 600 | 105°C | 0.060" | Irradiated PVC | Motor lead |
| 1431 | 1 - 1/0 | 600 | 105°C | 0.078" | Irradiated PVC | Motor lead |
| 1508 | 30 - 20 | 30 | 105°C | 0.0055" | ETFE | Back panels for computers |
| 1512 | 16 - 14 | Not rated | 105°C | 0.010" | PTFE | |
| 1513 | 30 - 20 | Not rated | 105°C | 0.0045" | ETFE | Back panels for computers |
| 1516 | 30 - 20 | Not rated | 105°C | 0.004" | ETFE | Back panels for computers |
| 1517 | 30 - 20 | Not rated | 105°C | 0.006" | ETFE | Back panels for computers |
| 1523 | 30 - 20 | Not rated | 105°C | 0.005" | ETFE | Back panels for computers |
| 1534 | 30 - 14 | Not rated | 80°C | 0.010" | Irradiated PVC | Internal wiring of appliances |
| 1536 | 30 - 10 | Not rated | 80°C | 0.010" | Irradiated PVC | Internal wiring of appliances |
| 1538 | 32 - 6 | 125 | 105°C | 0.0055 - 0.020" | FEP or PFA | |
| | 36 - 8 | 125 | 105°C | | PTFE | |
| 1570 | 24 - 8 | 600 | 250°C | 0.020 - 0.030" | PTFE (mineral filled) | |
| 1577 | 32 - 16 | Not rated | 200°C | 0.012" | FEP or PTFE | |
| 1558 | 32 - 20 | Not rated | 125°C | 0.004" | ETFE | |
| 1584 | 32 - 10 | 1,000 | 200°C | 0.022" | PTFE | |
| 1586 | 36 - 6 | Not rated | 105°C | 0.0055 - 0.020" | ETFE | |
| 1591 | 32 - 16 | 300 | 150°C | 0.016" | FEP | |
| 1592 | 32 - 16 | 300 | 200°C | 0.016" | FEP | |
| 1609 | 36 - 6 | 125 | 105°C | 0.0055 - 0.020" | ETFE | |
| 1610 | 32 - 10 | Not rated | 105°C | 0.010" | ETFE | |

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| | | | | THICKNESS | MATERIAL | |
| 1643 | 32 - 4/0 | 300 | 150°C | 0.13 - 0.030" | ETFE | |
| 1644 | 30 - 4/0 | 600 | 150°C | 0.020 - 0.045" | ETFE | |
| 1659 | 26 - 8 | 600 | 250°C | 0.020 - 0.030" | PTFE | |
| 1671 | 32 - 10 | 300 | 150°C | 0.010" | ETFE | |
| 1709 | 32 - 10 | 300 | 200°C | 0.013" | PFA | |
| 1710 | 30 - 4/0 | 600 | 200°C | 0.020 - 0.045" | PFA | |
| 1716 | 36 - 6 | 150 | 150°C | 0.0055 - 0.020" | FEP or PFA or PTFE | |
| 1726 | 32 - 4/0 | 300 | 250°C | 0.013 - 0.045" | PFA | |
| 1727 | 32 - 4/0 | 600 | 250°C | 0.020 - 0.045" | PFA | |
| 1814 | 32 - 20 | 150 | 150°C | 0.006" | ETFE | |
| 1815 | 32 - 10 | 300 | 250°C | 0.013" | PTFE | |
| 1828 | 32 - 10 | 300 | 150°C | 0.013" | ETFE | |
| 1829 | 32 - 10 | 600 | 150°C | 0.020" | ETFE | |
| 1857 | 32 - 16 | 150 | 150°C | 0.010" | PFA | |
| 1858 | 32 - 10 | 300 | 150°C | 0.013" | PFA | |
| 1859 | 32 - 4/0 | 600 | 150°C | 0.020 - 0.045" | PFA | |
| 1860 | 32 - 16 | 150 | 200°C | 0.010" | PFA | |
| 1875 | 32 - 20 | 30 | 105°C | 0.0055" | PTFE (expanded) | |
| 2095 | 30 - 16 | 300 | 80°C | 1/64 | PVC | 2 conductor shielded PVC jacket |
| 2096 | 30 - 16 | 300 | 80°C | 1/64 | PVC | 3 conductor shielded PVC jacket |
| 2097 | 30 - 16 | 300 | 80°C | 1/64 | PVC | 4 conductor shielded PVC jacket |
| 2098 | 26 - 16 | 300 | 90°C | 1/64 | PVC | 2 conductor shielded PVC jacket |
| 2099 | 26 - 16 | 300 | 90°C | 1/64 | PVC | 3 conductor shielded PVC jacket |
| 2100 | 26 - 16 | 300 | 90°C | 1/64 | PVC | 4 conductor shielded PVC jacket |
| 2101 | 26 - 16 | 300 | 105°C | 1/64 | PVC | 2 conductor shielded PVC jacket |
| 2102 | 26 - 16 | 300 | 105°C | 1/64 | PVC | 3 conductor shielded PVC jacket |
| 2103 | 26 - 16 | 300 | 105°C | 1/64 | PVC | 4 conductor shielded PVC jacket |
| 2106 | 26 - 16 | 600 | 60°C | 1/32 | PE | 2 conductor shielded PVC jacket |
| 2107 | 26 - 16 | 600 | 60°C | 1/32 | PE | 3 conductor shielded |

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| | | | | THICKNESS | MATERIAL | |
| | | | | | | PVC jacket |
| 2108 | 26 - 16 | 600 | 60°C | 1/32 | PE | 4 conductor shielded PVC jacket |
| 2115 | 26 - 16 | 600 | 80°C | 1/32 | PVC | 2 conductor shielded PVC jacket |
| 2116 | 26 - 16 | 600 | 80°C | 1/32 | PVC | 3 conductor shielded PVC jacket |
| 2117 | 26 - 16 | 600 | 80°C | 1/32 | PVC | 4 conductor shielded PVC jacket |
| 2343 | 30 minimum | Not rated | 80°C | - | - | Computer cable 0.060" PVC jacket |
| 2344 | 30 minimum | Not rated | 80°C | - | - | Computer cable 0.080" PVC jacket |
| 2345 | 30 minimum | Not rated | 80°C | - | - | Computer cable 0.110" PVC jacket |
| 2346 | 30 minimum | Not rated | 80°C | - | - | Computer cable 0.140" PVC jacket |
| 2384 | 30 minimum | 300 | 60°C | - | - | Computer cable 0.035" PVC jacket |
| 2385 | 30 minimum | 300 | 60°C | - | - | Computer cable 0.060" PVC jacket |
| 2386 | 30 minimum | 300 | 60°C | - | - | Computer cable 0.080" PVC jacket |
| 2387 | 30 minimum | 300 | 60°C | - | - | Computer cable 0.110" PVC jacket |
| 2388 | 30 minimum | 300 | 60°C | - | - | Computer cable 0.140" PVC jacket |
| 2448 | 30 minimum | 30 | 60°C | - | - | Low voltage computer cable |
| 2461 | 26 - 16 | 300 | 80°C | - | - | 2 - 61 conductor PVC jacket |
| 2462 | 24 - 16 | 300 | 60°C | - | - | 2 - 61 conductor PVC jacket |
| 2463 | 26 - 16 | 600 | 80°C | - | - | 2 - 19 conductor PVC jacket |
| 2464 | 30 - 16 | 300 | 80°C | - | - | Multi-conductor control cable PVC |
| 2490 | 30 - 16 | Not rated | 60°C | - | - | Multi-conductor control cable PVC |
| 2493 | 30 - 16 | Not rated | 60°C | - | - | Multi-conductor control cable PVC |
| 2501 | 30 minimum | 600 | 105°C | - | - | Multi-conductor control cable PVC |
| 2502 | 40 minimum | 30 | 80°C | - | - | Multi-conductor control cable PVC |
| 2507 | 32 - 26 | Not rated | 105°C | - | - | Multi-conductor control cable PVC |
| 3068 | 26 - 20 | 300 | 105°C | 0.016" | Silicone rubber / glass braid | Internal wiring of appliances |
| 3069 | 26 - 20 | 600 | 150°C | 0.032" | Silicone rubber / glass braid | Internal wiring of appliances |
| 3070 | 18 - 12 | 600 | 150°C | 0.032" | Silicone rubber / glass braid | Internal wiring of appliances |
| 3071 | 18 - 14 | 600 | 200°C | 0.032" | Silicone rubber / glass braid | Internal wiring of appliances |

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| | | | | THICKNESS | MATERIAL | |
| 3074 | 12 | 600 | 200°C | 0.032" | Silicone rubber / glass braid | Internal wiring of appliances |
| 3075 | 10 | 600 | 200°C | 0.032" | Silicone rubber / glass braid | Internal wiring of appliances |
| 3101 | 10 | 600 | 150°C | 0.048" | Silicone rubber / glass braid | Internal wiring of appliances |
| 3122 | 26 - 20 | 300 | 200°C | 0.016" | Silicone rubber / glass braid | Internal wiring of appliances |
| 3123 | 30 - 16 | 600 | 150°C | 0.030" | Silicone rubber | Internal wiring of appliances |
| 3132 | 30 - 16 | 300 | 150°C | 0.015" | Silicone rubber | Internal wiring of appliances |
| 3133 | 30 - 16 | 600 | 150°C | 0.030" | Silicone rubber | Internal wiring of appliances |
| 3134 | 18 - 12 | 600 | 150°C | 0.032" | Silicone rubber | Internal wiring of appliances |
| 3135 | 18 - 12 | 600 | 200°C | 0.032" | Silicone rubber | Internal wiring of appliances |
| 3136 | 26 - 20 | 300 | 150°C | 0.048" | Silicone rubber | Internal wiring of appliances |

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|-----------------|----------------|-----------------|---------------|----------------|----------------------------------|-------------------------------|
| | | | | THICKNESS | MATERIAL | |
| 3137 | 26 - 20 | 600 | 150°C | 0.048" | Silicone rubber | Internal wiring of appliances |
| 3138 | 18 - 12 | 600 | 150°C | 0.048" | Silicone rubber | Internal wiring of appliances |
| 3139 | 18 - 12 | 600 | 200°C | 0.048" | Silicone rubber | Internal wiring of appliances |
| 3142 | 18 - 12 | 600 | 150°C | 0.064" | Silicone rubber | Internal wiring of appliances |
| 3143 | 18 - 12 | 600 | 200°C | 0.064" | Silicone rubber | Internal wiring of appliances |
| 3167 | 26 - 9 | 600 | 105°C | 0.032" | XLPE | Internal wiring of appliances |
| 3168 | 18 - 12 | 1000 | 90°C | 0.032" | XLPE | Internal wiring of appliances |
| 3173 | 26 - 9 | 600 | 125°C | 0.032" | XLPE | Internal wiring of appliances |
| 3182 | 26 - 9 | 600 | 125°C | 0.048" | XLPE | Internal wiring of appliances |
| 3195 | 8 | 600 | 125°C | 0.048" | XLPE | Internal wiring of appliances |
| 3196 | 7 - 4 | 600 | 125°C | 0.064" | XLPE | Internal wiring of appliances |
| 3239 | 24 - 10 | 10,000 - 20,000 | 200°C | 0.018 - 0.024" | FEP (modified) | |
| 5107 | 22 - 4/0 | 600 | 200°C / 450°C | 0.025 - 0.035" | Mica / Glass | |
| 5108 | 22 - 4/0 | 600 | 250°C | 0.025 - 0.035" | Mica / Glass | |
| 5128 | 24 - 4 | 300 | 450°C | 0.015 - 0.020" | Mica / Glass | |
| 5134 | 22 - 4 | 300 | 250°C | 0.015 - 0.020" | Mica / Glass | |
| 5127 | 24 - 8 | 600 | 250°C | 0.015" | PTFE Severed Glass / Glass Braid | |
| 5180 | 16 - 2 | 300 | 250°C | 0.004 - 0.012" | PTFE Severed Glass / Glass Braid | |
| 5181 | 24 - 4/0 | 600 | 250°C | 0.020 - 0.045" | PTFE / Glass Braid | |
| 5259 | 22 - 4/0 | 600 | 250°C | 0.012 - 0.030" | Mica / PTFE / Glass Braid | |
| 10086 | 32 - 4/0 | 600 | 150°C / 200°C | 0.010 - 0.045" | ETFE | |
| 10109 | 32 - 4/0 | 300 | 150°C / 200°C | 0.006 - 0.045" | ETFE | |
| 10125 | 32 - 4/0 | 300 | 150°C | 0.006 - 0.045" | ETFE | |
| 10126 | 32 - 4/0 | 600 | 150°C | 0.010 - 0.045" | ETFE | |

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