|  |
| --- |
| **M27500 Cable (NEMA WC27500)** |

**Shield Style and Material**

|  |  |  |  |
| --- | --- | --- | --- |
| **Single Shield Style** | **Double Shield Style** | **Shield Material** | **Maximum Temperature Limit for Shield Material** |
| U |  | No Shield | - |
| T | V | Tin-coated copper, round | 150°C |
| S | W | Silver-coated copper, round | 200°C |
| N | Y | Nickel-coated copper, round | 260°C |
| F | Z | Stainless Steel, Round | 400°C |
| C | R | Nickel-coated copper 27% round | 400°C |
| M | K | Silver-coated high strength copper alloy, round | 200°C |
| P | L | Nickel-coated high strength copper alloy, round | 260°C |
| G | A | Silver-coated copper, flat | 200°C |
| H | B | Silver-coated high strength copper alloy, flat | 200°C |
| \* | # | Nickel-coated copper, flat | 260°C |
| J | D | Tin-coated copper, flat | 150°C |
| E | X | Nickel-coated high strength copper alloy, flat | 260°C |
| I | Q | Nickel-Chromium alloy flat | 400°C |

**Jacket Style and Material**

|  |  |  |  |
| --- | --- | --- | --- |
| **Single Jacket Style** | **Double Jacket Style** | **Jacket Material** | **Temperature Limit for Jacket Material** |
| 00 | 00 | No jacket | - |
| 01 | 51 | Extruded white polyvinyl chloride (PVC) | 90°C |
| 02 | 52 | Extruded clear polyamide | 105°C |
| 03 | 53 | White polyamide braid impregnated with clear polyamide finisher over a polyester tape | 105°C |
| 04 | 54 | Polyester braid impregnated with high temperature finisher over polyester tape | 150°C |
| 05 | 55 | Extruded clear fluorinated ethylene propylene (FEP) | 200°C |
| 06 | 56 | Extruded or taped and heat sealed white polytetrafluoroethylene (PTFE) | 260°C |
| 07 | 57 | White polytetrafluoroethylene (PTFE) treated glass braid impregnated and coated with polytetrafluoroethylene finisher over pre-inserted polytetrafluoroethylene tape | 260°C |
| 08 | 58 | Cross-linked white extruded polyvinylidene fluoride (PVDF) | 150°C |
| 09 | 59 | Extruded white fluorinated ethylene propylene (FEP) | 200°C |
| 10 | 60 | Extruded clear polyvinylidene fluoride (PVDF) | 125°C |
| 11 | 61 | Tape or natural polyimide combined with clear fluorinated ethylene propylene (FEP) wrapped and heat sealed with polyimide outer surface | 200°C |
| 12 | 62 | Tape or natural polyimide combined with fluorinated ethylene propylene (FEP) wrapped and heat sealed with polyimide outer surface | 200°C |
| 14 | 64 | Extruded white ethylene-tetrafluoroethylene co-polymer (ETFE) | 150°C |
| 15 | 65 | Extruded clear ethylene-tetrafluoroethylene co-polymer (ETFE) | 150°C |
| 16 | 66 | Braid of aromatic polyamide with high temperature finisher over pre-inserted polytetrafluoroethylene (PTFE) tape | 200°C |
| 17 | 67 | White extruded ethylene chlorotrifluoro-ethylene (ECTFE) | 150°C |
| 18 | 68 | Clear extruded ethylene chlorotrifluoro-ethylene (ECTFE) | 150°C |
| 20 | 70 | Extruded white perfluoroalkoxy (PFA) | 260°C |
| 21 | 71 | Extruded clear perfluoroalkoxy (PFA) | 260°C |
| 22 | 72 | Taped of polyimide combined with clear fluorinated ethylene propylene (FEP) wrapped and heat sealed with opaque polyimide outer surface | 200°C |
| 23 | 73 | White cross-linked, extruded, modified, ethylene tetrafluoroethylene copolymer (XLETFE) | 200°C |
| 24 | 74 | Taped layer of white polytetrafluoroethylene (PTFE) wrapped over a tape layer of natural polyimide combined with fluoropolymer heated and fused | 200°C |
| 25 | 75 | Smooth surface tape layer of white polytetrafluoroethylene (PTFE) wrapped over a tape layer of natural polyimide combined with fluoropolymer heated and fused | 260°C |
| 26 | 76 | Extruded, white, low fluoride, cross-linked modified, ethylene-tetrafluroethylene co-polymer (XLETFE) | 200°C |