PVC Conduit Listing and Temperature Marking Requirements

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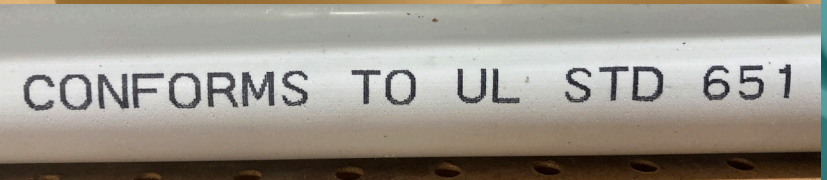
The National Electrical Code® (NEC) issues general requirements for PVC conduit to ensure safe electrical installations. Article 352 covers the use, installation, and construction specifications for rigid PVC and associated fittings:

Listing Requirements

NEC Section 352.6 | PVC conduit, factory elbows, and associated fittings shall be listed.

- ✓ Applicable NEMA Standard TC 2-2020
- ✓ Applicable testing and certification standard UL 651
- ✓ NEC Section 352.120 and UL 651 identify information required and/or permitted to be marked on listed PVC conduit



Permitted Uses

NEC Section 352.10(J) | Conductors rated at a temperature higher than the listed temperature rating of PVC conduit are permitted if they are not operated at a temperature higher than the listed temperature.

- ✓ PVC conduit that has been tested and certified for use with 90°C-rated insulating wiring will be marked with "maximum 90°C wire" or "max 90°C wire"
- ✓ Where there is no conductor temperature marking on listed PVC conduit, conductors can only be operated at their 75°C rating, after correction and/or adjustments factors have been applied, regardless of their maximum temperature rating

What to Remember

- ✓ Look for listed PVC conduit that is properly marked
- ✓ Only install conductors that do not operate over the temperature rating of the PVC conduit

NEMA
National Electrical Manufacturers Association