**ENGINEERING SPECIFICATIONS**

**Standards**
- Underwriters Laboratories Standards UL-83, UL-1063, UL-1581, UL-1685, UL-2556; AWS Spec. 1317, 1318, 1319, 1320, 1321; ASTM Standing Class B3, B8, B787; Federal Specification A-A-59544; American National Standards Institute; Canadian Standards Association C22.2 No. 75; NEMA WCT/CEA S-95-658; UL VW-1 Flame Test; UL 1685-FT4/IEC 1202 (70,000 Btu/hr) Flame Test (1/0 AWG and larger);
- New York State DOS-16-120-87-1222-1048; IEC T-29-520 (210,000 Btu/hr) Flame Test; NFPA 70 (NEC®) Article 310; ARRA 2009 Section 1605 “Buy American” Compliant; RoHS Compliant; MasterSpec Division 26 Sections 260519, 260523; UL Listing E-123774, E-156878, E-156879

**CONSTRUCTION**

**Conductors**
- Solid, uncapped copper conductors per ASTM-B3; Stranded, uncapped copper conductors per ASTM-B3, ASTM-B8 and ASTM-B787

**Insulation**
- Color-coded Polyvinyl Chloride (PVC), heat and moisture-resistant, flame retardant compound per UL-83 and UL-1063

**Jacket**
- A tough, polyamide, Nylon outer covering per UL-83 and UL-1063

**APPLICATIONS**

- Type THHN/THWN-2 building wire is intended for general purpose applications as defined by the National Electrical Code (NEC). Type THHN/THWN-2 is permitted for new construction or rewiring for 600-volt applications. For applications requiring Type THHN or THWN-2, the conductor is appropriate for use in wet or dry locations at temperatures not to exceed 90°C or not to exceed 75°C in oil or coolants. For applications requiring Type MTW, the conductor is appropriate for use in dry locations at 90°C, or not to exceed 60°C in wet locations or where exposed to oils or coolants.

**FEATURES**

- A great alternative to eliminate the need for lube. Stick Nylon outer jacket for easy pulling. SuperSlick Elite is available in sizes 14 AWG through 1000 KCMIL. All sizes rated gasoline and oil resistant. On 250 KCMIL and larger, sequential footmarkings located every foot for easy measuring. For 1 AWG through 4/0 AWG sequential footmarkings located on master reels only unless otherwise specified. 6 AWG and larger Sunlight Resistant in all colors. For 1/0 AWG and larger conductors are rated for cable tray use and comply with IEEE 1202/FT4 (70,000 Btu/hr) flame test and IEC A 29-20 (210,000 Btu/hr) flame test.

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**PACKAGING:**

**PRINT LEGEND:**

- SOLID CONDUCTOR SIZES 14 AWG THROUGH 10 AWG: ENCORE WIRE CORPORATION (SIZE) AWG TYPE THHN OR THWN-2 GR II VW-1 600 VOLTS (UL) OR AWM OR C-(UL) TYPE T90 NYLON OR TWN 75. DATE/TIME/OPER/QC

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1. SuperSlick Elite manufactured under Patent No. 8,653,576
2. Ampacity of conductors are based on NFPA 70 (NEC®) Table 310.15(B)(16). See 110.14(D), 240.4(A) and 310.15(B) for other limitations where applicable.

The above data is approximate and subject to normal manufacturing tolerances.

**PRINT LEGEND:**

**SOLID CONDUCTOR SIZES 14 AWG THROUGH 10 AWG:** ENCORE WIRE CORPORATION (SIZE) AWG TYPE THHN OR THWN-2 GR II VW-1 600 VOLTS (UL) OR AWM OR C-(UL) TYPE T90 NYLON OR TWN 75. DATE/TIME/OPER/QC

**14 AWG THROUGH 8 AWG: TYPE** THHN OR THWN-2** GR II VW-1 600 VOLTS (UL) OR AWM OR C-(UL) TYPE T90 NYLON OR TWN 75. DATE/TIME/OPER/QC

**SUPERSLICK ELITE 6 AWG THROUGH 1 AWG: ENCORE WIRE CORPORATION (SIZE) AWG TYPE THHN OR THWN-2** 1200°/1365° F (180°C/280°C) VW-1 600 VOLTS (UL) OR AWM OR C-(UL) TYPE T90 NYLON OR TWN 75. DATE/TIME/OPER/QC

**SUPERSLICK ELITE PACKAGING: Available in Encore’s Cyclone Barrel Packs, Reel Payoff and Reel Deal.**