

**SJEOW** – Service Junior Elastomer Oil and Weather Resistant Jacket - UL 62 listed, Article 400 of the National Electrical Code® for multiconductor sturdy constructions used for tools and appliances, 300V, 60°C to 105°C.

**SJEW** – Service Junior Elastomer Weather Resistant Jacket - UL 62 listed, Article 400 of the National Electrical Code® for cable used for small tools and appliances, 300V, 60°C to 105°C.

**SJT** – Service Junior Thermoplastic - UL 62 listed, Article 400 of the National Electrical Code® for insulated and jacketed cable used for small tools and appliances, 300V, 60°C to 105°C.

**SJTO** – Service Junior Thermoplastic Oil Resistant Jacket- UL 62 listed, Article 400 of the National Electrical Code® for insulated and oil resistant jacketed cable used for small tools and appliances, 300V, 60°C to 105°C.

**SJTOO** – Service Junior Thermoplastic Oil Resistant Insulation and Jacket - UL 62 listed, Article 400 of the National Electrical Code® for cable used in small tools and appliances, 300V, 60°C to 105°C.

**SJTOOW** – Service Junior Thermoplastic Oil Resistant Insulation and Oil and Weather Resistant Jacket - UL 62 listed, Article 400 of the National Electrical Code® for cable used in small tools and appliances, 300V, 60°C to 105°C.

**SJTOW** – Service Junior Thermoplastic Oil and Weather Resistant Jacket - UL 62 listed, Article 400 of the National Electrical Code® for cable used in small tools and appliances, 300V, 60°C to 105°C.

**SJTW** – Service Junior Thermoplastic Weather Resistant Jacket - UL 62 listed, Article 400 of the National Electrical Code® for cable used for small tools and appliances, 300V, 60°C to 105°C.

**Skeleton Braid** – A braid of widely separated wires or fibers, used to reinforce a jacket, bind a cable core, or serve as shielding for electrostatic or electromagnetic fields.

**SMEI** – Sales and Marketing Executives International - Worldwide organization dedicated to ethical standards, continuing professional development, knowledge sharing, mentoring students and advancing free enterprise.

**Soft drawn wire** – Wire that has been drawn or rolled to final size and then heated (annealed) to remove the effects of cold working.

**Solar energy** – Radiant light and heat from the sun that is transformed into usable power.

**Spark test** – Test designed to locate imperfections (pin-holes) in insulated and jacketed wire by application of an electrical potential across the material for a very short period of time while the wire is drawn through an electrode field.

**SPE-1** – Service Parallel Elastomer Light Duty - UL 62 listed, Article 400 of the National Electrical Code® for two conductor cord for pendant or portable use in damp locations with or without a third conductor for grounding, 300V, 60°C to 105°C.

**SPE-2** – Service Parallel Elastomer Heavy Duty - UL 62 listed, Article 400 of the National Electrical Code® for two conductor heavy cord for pendant or portable use in damp locations with or without a third conductor for grounding, 300V, 60°C to 105°C.

**SPE-3** – Service Parallel Elastomer Heavier Duty - UL 62 listed, Article

400 of the National Electrical Code® for two conductor cord for refrigerators or room air conditioners in damp locations with or without a third conductor for grounding, 300V, 60°C to 105°C.

**Spiral wrap** – Helical wrap of a tape or thread over a core.

**Solid conductor** – Conductor that is made up of a single wire, less flexible than stranded conductors.

**Spec.** – Abbreviation for product specifications.

**Spreader plate** – Separates and aligns the insulated conductors at the cabling process to insure the correct color rotation and orientation.

**SPT-1** – Service Parallel Thermoplastic Light Duty - UL 62 listed, Article 400 of the National Electrical Code® for two conductor light duty cord for pendant or portable use in damp locations with or without a third conductor for grounding, 300V, 60°C to 105°C.

**SPT-2** – Service Parallel Thermoplastic Heavy Duty - UL 62 listed, Article 400 of the National Electrical Code® for two conductor heavy duty cord for pendant or portable use in damp locations with or without a third conductor for grounding, 300V, 60°C to 105°C.

**SPT-3** – Service Parallel Thermoplastic Heavier Duty - UL 62 listed, Article 400 of the National Electrical Code® for two conductor heavier duty cord for refrigerators or room air conditioners in damp locations with or without a third conductor for grounding, 300V, 60°C to 105°C.

**SRPVC** – Semi-Rigid Polyvinyl chloride.

**ST** – Service Thermoplastic - UL 62 listed, Article 400 of the National Electrical Code® for multiconductor sturdy constructions used for tools and appliances, 600V, 60°C to 105°C.

**Stabilizer** – Ingredient added to plastics to preserve their physical, mechanical and chemical properties.

**Static** – Electrical interferences in the atmosphere such as lightning and corona.

**STO** – Service Thermoplastic Oil Resistant Jacket - UL 62 listed, Article 400 of the National Electrical Code® for multiconductor sturdy constructions used for tools and appliances, 600V, 60°C to 105°C.

**STOO** – Service Thermoplastic Oil Resistant Insulation and Jacket - UL 62 listed, Article 400 of the National Electrical Code® for multiconductor sturdy constructions used for tools and appliances, 600V, 60°C to 105°C.

**STOOW** – Service Thermoplastic Oil Resistant Insulation and Oil and Weather Resistant Jacket - UL 62 listed, Article 400 of the National Electrical Code® for multiconductor sturdy constructions used for tools and appliances, 600V, 60°C to 105°C.

**STOW** – Service Thermoplastic Oil and Weather Resistant Jacket - UL 62 listed, Article 400 of the National Electrical Code® for multiconductor sturdy constructions used for tools and appliances, 600V, 60°C to 105°C.

**Stranded conductor** – Conductor composed of a group of wires, usually twisted, or of any combination of such groups of wires.

**Strip force** – Force required to remove a small section of plastic material from the substrate it covers.