

Wire, Cable & Cord; Abbreviations & Terms



Table Key

- S** = **Service**
- J** = **Junior**
- O** = **Oil-Resistant**
- T** = **Thermoplastic Vinyl**
- W** = **Weather Approved**
- P** = **Parallel**
- E** = **Elastomer**

Wire Abbreviation	Description
S	Standard Service. Rubber-insulated portable. Stranded copper conductors with separator and individual rubber installations. Rated at 600V.
SJ	Service Junior. Jacket is half the thickness of the Standard Service (S) cord. Same construction. Rated at 300V. The cords are exactly the same inside the jacket.
ST	Extra hard usage, jacketed thermoplastic construction. 600V, 60°C to 105°C.
SJT	Hard usage thermoplastic rubber-insulated conductors and overall thermoplastic jacket. 300V. 60°C to 105°C.
SJO	Service Junior rubber-insulated portable cord but with neoprene, an oil-resistant compound. Rated 300V, 60°C, 75°C or 90°C.
SJOO	Same as SJO except inner conductor insulation and the outer jacket are oil resistant.
SJOW	Same as SJO except outer jacket is weather approved
STW	Extra hard usage cord, jacketed. 600V, 60°C to 105°C. Weather resistant for outdoor use.
SJTW	Hard usage thermoplastic or rubber-insulated conductors and overall thermoplastic jacket. 300V, 60°C to 105°C. Weather resistant for outdoor use.
SJEW	Hard service thermoplastic or rubber-insulated conductors and overall thermoplastic jacket. All elastomer construction. 300V, 90°C to 105°C. Weather resistant for outdoor use.
SJEW	Hard service thermoplastic or rubber-insulated conductors and oil-resistant thermoplastic outer jacket. All elastomer construction. 300V, 90°C to 105°C. Weather resistant for outdoor use.
SEW	Extra hard usage cord TPE jacketed all thermoplastic Elastomer (TPE) construction. 600V, 90°C to 105°C. Weather resistant for outdoor use.
SP	All rubber, service parallel cord with parallel construction. Conductors are not cabled. Rated 300V.
SPT	Same as the SP except the jacket is made of thermoplastic. Rated 300V.
SPT-1	All thermoplastic construction, parallel jacketed. 300V, 60°C to 105°C, 2 or 3-conductor (18GA)
SPT-2	Same as SPT-1 but heavier construction (18-16GA)
SPT-3	Same as SPT-2 but heavier construction (18-10GA)
SRDT	Portable range or dryer cable, 3-conductor parallel type or 4 insulated conductors, jacketed. All thermoplastic construction. 300V, maximum temperature of 60°C.
SV	Vacuum cleaner cord. A light, round cord designed for flexibility. The copper is pulled to a finer gauge before bunching.
SVT	Vacuum cleaner service cord. All plastic construction, 2 or 3-conductor. Third conductor for grounding use only. For light duty use. 300V, 60°C to 105°C.
SVE	Same as SV, except the insulation and jacket are made of thermoplastic elastomer rubber (TPE). Used for vacuum cleaners, fans and portable lights.
HPN	Two-conductor, neoprene-insulated heater cord. Parallel construction. For use in damp locations. 300V, 90°C.

Other Widely Used Terms

AWG	American Wire Gauge. Relative index of conductor sizes.
GA	Another way to refer to AWG