

Weber Electric Supply Wire Jacket Guide

Wire Jackets

Below you will find a chart to help you understand what the different kinds of wire jackets are and what they are used for. This is stamped or etched into the outer jacket of the wire so you can tell what kind of wire you are using. We hope this chart will make that easier for you.

- O:** Oil-resistant, usually synthetic-rubber jacket, more flexible in cold temperatures
- OO:** Oil-resistant synthetic-rubber jacket and inner-conductor insulation
- S:** Standard service (synthetic-rubber insulated, rated for 600v)
- SE:** Extra-hard usage, elastomer
- SEOW:** Oil-resistant and weather-resistant elastomer jacket, rated for 600v (photo above)
- SJ:** Service junior (synthetic-rubber insulated, rated for 300v)
- SJO:** Same as SJ but Neoprene, oil resist compound outer jacket, rated for 300v
- SJOW:** Oil-resistant and weather-resistant synthetic rubber, rated for 300v
- SJOOW:** Oil-resistant and weather-resistant synthetic rubber (jacket and conductor insulation), rated for 300v
- SJT:** Hard service thermoplastic pr rubber insulate conductors with overall plastic jacket, rated for 300v
- SJTOW:** Oil-resistant and weather-resistant thermoplastic, rated for 300v
- SJTW:** Thermoplastic-jacketed, weather-resistant, rated for 300v
- SO:** Extra hard service cord with oil resistant rubber jacket, 600v
- SOOW:** Same as SOW but with oil resistant rubber conductor insulation and suitable for outdoor use.
- SOW:** Rubber jacketed portable cord with oil and water resistant outer jacket
- SPT-1:** All rubber, parallel-jacketed, two-conductor light duty cord for pendant or portable use, rated for 300v
- SPT-2:** Same as SPT-1, but heavier construction, with or without third conductor for grounding purposes, rated for 300v
- SPT-3:** Same as SPT-2, but heavier construction for refrigerators or room air conditioners, rated for 300v
- ST:** Extra-hard usage, thermoplastic (PVC), 600v
- STO:** Same as ST but with oil resistant and thermoplastic outer jacket, 600v
- STOW:** Same as STO but with oil and water resistant thermoplastic outer jacket, 600v
- SV:** Vacuum cleaner cord, two or three conductor, rubber insulated, rubber jacket, 300v
- SVO:** Same as SV except neoprene jacket, 300v
- SVT:** Same as SV except all thermoplastic construction, 300v
- SVTO:** Same as SVT except with oil resistant jacket, 300v
- THHN:** 600v nylon jacketed building wire
- THW:** Thermoplastic vinyl insulated building wire, moisture and heat resistant
- THWN:** Same as THW but with nylon jacket
- W:** Extra-hard usage, weather-resistant