



EXTENSION CORD FAQs

Cord Description	Brand Name	Cable Type	Cable Min. Temp	Cable Max. Temp	Oil Resistant Rated	Application / Notes
Standard PVC	Southwire	SJTW / STW	-40 °F	140 °F	No	Most economical for outdoor use in moderate conditions
Oil Resistant Rubber Jacket	Royal	SJOOW	-40 °F	194 °F	Yes	Added oil resistance for farm, welding, and garage applications
TPE	Polar Solar	SJEOOW	-58 °F	221 °F	Yes	Enhanced flexibility and extended low temp performance
Premium Low Temp TPE	Polar Solar Supreme	SJEOW	-94 °F	221 °F	Yes	Usable under the most extreme conditions. Oil resistant

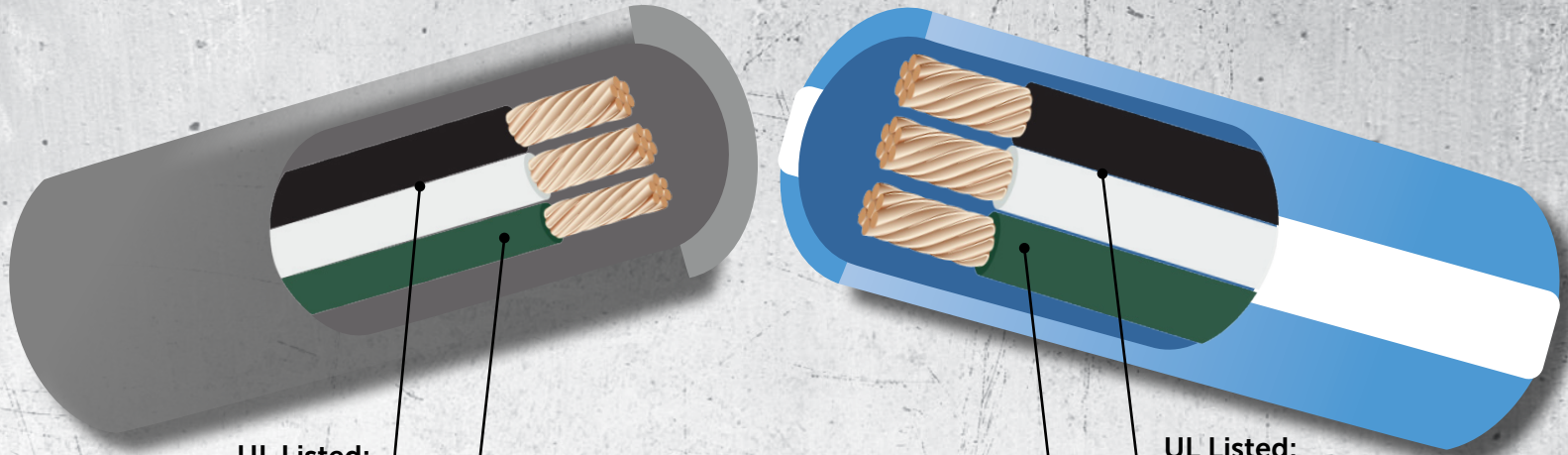
Cord Type	Voltage Rating	Temperature Rating
SJEW	300V	90 °F to 221 °F
SJO	300V	140 °F, 167 °F, or 221 °F
SJT	300V	140 °F to 221 °F
SJTW	300V	140 °F to 221 °F
SJEOW	300V	140 °F to 221 °F
SJEW	300V	140 °F to 221 °F
SEW	600V	140 °F to 221 °F

Wire and Cable Abbreviations	
S	Service
J	Junior
O	Oil-Resistant Jacket
OO	Oil-Resistant Jacket & Insulation
T	Thermoplastic PVC/Vinyl
W	Weather Resistant
P	Parallel
E	Thermoplastic Elastomer

Amperage	
16 gauge	
0 – 50 ft 13 Amps	51-100 ft 10 Amps
14 gauge	
0 – 50 ft 15 Amps	51-100 ft 13 Amps
12 gauge	
0 – 100 ft 15 Amps	
10 gauge	
0 – 100 ft 15 Amps	



STYLE #12 CORDS VS 12 GAUGE CORDS



UL Listed: NO!

Conductor Wire: 14 Gauge²

Ground Wire: 16 Gauge²

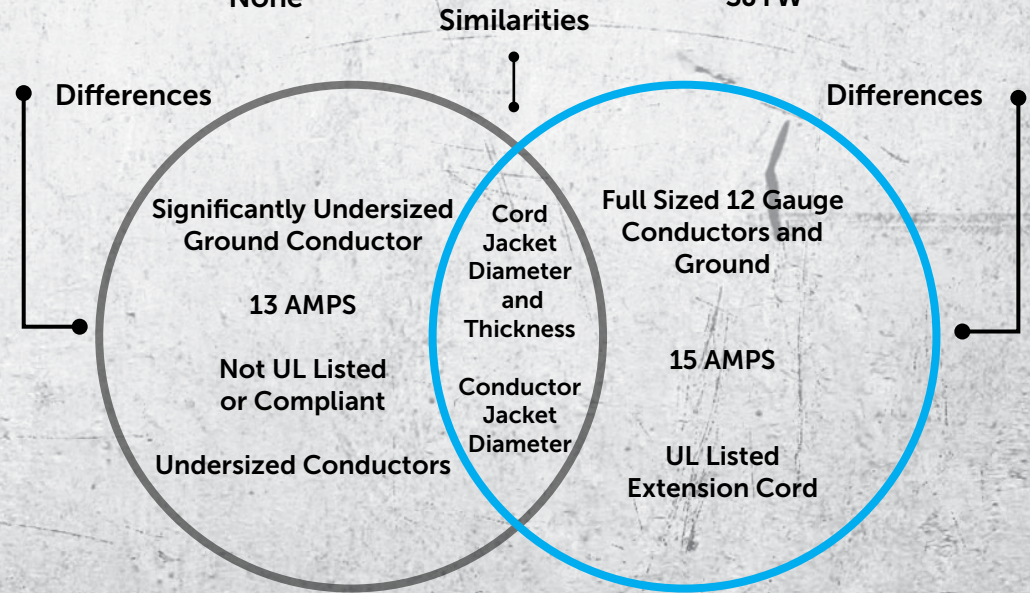
Cable Style: None

UL Listed: YES!

Conductor Wire: 12 Gauge

Ground Wire: 12 Gauge

Cable Style: SJTW



1 As marked on identified product
 2 As measured on identified product
 3 Per ANSI/UL 62, portable cord up to 4 conductors must be manufactured with the same gauge conductors.

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