

Cord and Cable Information

Abbreviations

S	Service, 600V	O	Oil-Resistant
J	Junior Service, 300V	OO	Oil-Resistant Outer Jacket and Oil-Resistant Insulation
T	Thermoplastic/Vinyl	W, W-A	Weather-Approved, Indoor/Outdoor
E	Elastomer	P	Parallel

Type Jacket	Max. Volts	Temperature Range (°F)	Duty	Special Features	Applications
HPN	300	0 to 194	Medium	Heat-Resistant Cord	Heat-Producing Appliances (Soldering Irons, Heat Guns)
S	600	-40 to 140	Heavy	General-Purpose Cord	Machine Tools, Motors, Drills, Power Tools
SE	600	-58 to 221	Heavy	All-Temperature Cord	Construction Equipment, Motors, Outdoor Lighting
* SEOW	600	-58 to 221	Heavy	Lightweight and flexible even in cold temperatures. Jacket resists oils, acids, chemicals, and solvents. Indoor/outdoor use	Extra-Hard Usage with Industrial Equipment, Construction Tools, and Other Electric Equipment
SEOOW	600	-40 to 221	Heavy	Same as SEOW with oil-resistant insulation. Unmatched resistance to diesel fuel and other oils and chemicals	Extra-Hard Use in Extremely Harsh Environments with Industrial Equipment, Construction Tools, and Other Electric Equipment
SEW	600	-58 to 221	Heavy	All-Temperature Cord—UL Listed for outdoor use	Construction Equipment, Motors, Outdoor Lighting
SJ	300	-40 to 140	Medium	General-Purpose Cord	Power Tools, Floor Polishers, Sanders, Portable Lighting
* SJE	300	-58 to 221	Medium	All-Temperature Cord	Blowers, Motors, Dryers, Outdoor Lighting
* SJEW	300	-58 to 221	Medium	All-Temperature Cord—UL Listed for outdoor use	Blowers, Motors, Dryers, Outdoor Lighting
SJEOW	300	-58 to 194	Medium	Jacket resists decomposing when exposed to oils and chemicals. Abrasion- and flame-resistant; lightweight and flexible even in cold temperatures	Motors, Power Tools, Lighting
* SJEOWW	300	-58 to 221	Medium	Jacket resists swelling and decomposing when exposed to oil or grease	Motors, Power Tools, Lighting
SJO	300	-40 to 194	Medium	Jacket resists swelling and decomposing when exposed to oil or grease	Motors, Power Tools, Portable Lighting
SJOW	300	-40 to 194	Medium	Same as SJO and UL Listed for outdoor use	Motors, Power Tools, Lighting
SJOOW	300	-58 to 221	Medium	Jacket and insulation resist swelling and decomposing when exposed to oils, acids, and chemicals. Abrasion- and flame-resistant	Motors, Power Tools, Lighting, Blowers, Industrial Equipment
* SJT	300	0 to 140	Medium	General-Purpose Cord	Motors, Power Tools, Lawn and Garden Equipment, Appliances
† SJTOW	300	-40 to 194	Medium	Same as STOW	Superior Flame Resistance. Portable Tools, Motors, Floor Maintenance and Hospital Equipment, and Washing Machines. Industrial Control, Robotic Systems, Push Button Controls, Stage Equipment, Lighting, and Power Extensions.
* SJTW	300	0 to 140	Medium	General-Purpose Cord—UL Listed for outdoor use	Motors, Power Tools, Lawn and Garden Equipment
* SJTO	300	0 to 140	Medium	Jacket resists swelling and decomposing when exposed to oil or grease	Motors, Power Tools, Lighting
SO	600	-40 to 194	Heavy	Jacket resists swelling and decomposing when exposed to oil or grease	Tools, Cranes, Hoists, Industrial Equipment
SOW	600	-40 to 194	Heavy	Same as SO and UL Listed for outdoor use	Tools, Cranes, Hoists, Industrial Equipment
SOOW	600	-58 to 221	Heavy	Same as SJOOW	Motors, Machine and Power Tools, Lighting, Blowers, Construction and Industrial Equipment, Cranes and Hoists
* SPT-1	300	32 to 140	Light	General-Purpose Cord	Lamps, Speakers, Appliances
* SPT-2	300	32 to 140	Light	Heavier construction than SPT-1	Lamps, Speakers, Appliances
* SPT-3	300	32 to 140	Medium	Heavier construction than SPT-2	Tools, Major Appliances, Fans, Motors
* ST	600	0 to 140	Heavy	General-Purpose Cord	Motors, Power Tools, Construction Equipment, Portable Lighting
† STOW	600	-40 to 194	Heavy	Easily removed jacket resists oil, moisture, and UV. Approved for submersion in water. UL Listed for indoor and outdoor use.	Superior Flame Resistance. Portable or Heavy Tools, Motors, Floor Maintenance and Hospital Equipment, and Washing Machines. Industrial Control, Robotic Systems, Push Button Controls, Stage Equipment, Lighting, and Power Extensions.
* STW	600	0 to 140	Heavy	General-Purpose Cord—UL Listed for outdoor use	Motors, Power Tools, Construction Equipment, Portable Lighting
* SVT	300	0 to 140	Heavy	General-Purpose flexible cord	Vacuum Cleaners, Office Equipment

(*) Plastic jacket type (thermoplastic elastomer). (†) PVC thermoplastic polymer jacket type. All other jacket types are rubber.