

Flexible Service Cord

We're very flexible in meeting your custom service cord requirements.

- S - Service Cord**
- J - Junior (300 Volts)**
- T - Thermo Plastic (PVC)**
- E - Thermo Plastic Elastomer (TPE)**
- O - Oil Resistant Jacket**
- O - Oil Resistant Primaries**
- W - Weather Resistant**
- V - Vacuum Cleaner Cord**

Cubit Wire & Cable Co., Inc. has UL listing and CSA certification for a special Thermoplastic Elastomer (TPE). Acceptance by the trade has been excellent. In almost every normal industrial atmosphere, TPE tested better than rubber or neoprene in contact with glycols, cutting oils,

mineral oils, brake fluids, antifreeze, alcohol, motor oils, housing oil, detergents, esters, and hydraulic oil. In addition, TPE has exceptional flame resistance and is flexible at -90°C.

In addition to TPE, we also make standard PVC jacketed cable to customer's custom requirements. We have the following approvals for Service Cords: rated -35°C to 105°C - SVT, SVTO, SJT, SJTO, SJTOO, ST, STO, STOO and rated -70°C to 105°C - SJE, SJE0, SJE00, SE, SE0, SE00. In addition, SJT, ST, SJE, and SE types can also be rated "W" for outdoor use. All types may be aluminum mylar or braid shielded to minimize radio or magnetic interference. Also, all types may be ordered as "fillerless", where the cables are as smooth and flexible as with fillers. In addition, fillerless cables have more crush resistance and are money savers in many applications since there are no fillers to cut after the jacket is stripped.

Regular Oil Resistant Flexible Cord

Application	<p>STO/ST - For heavy duty service when subjected to extra hard usage such as garage portable lights, battery chargers, portable stage lights, heavy tools, and equipment exposed to oils and acids.</p> <p>SJTO/SJT - For washing machines, refrigerators, sound equipment, small motors, tools, and appliances.</p> <p>SVTO/SVT - For vacuum cleaners, domestic food mixers, office equipment, and other light duty requirements.</p>
Insulation & Jacket	High quality proprietary PVC or TPE compounds listed by UL as a class 36 or 43 material and CSA certified.
Temperature	105°C
Voltage	600 Volts - ST, STO, STOW, SE, SE0, SEOW 300 Volts - SJT, SJTO, SJTOW, SJE, SJE0, SJEOW, SVT, SVTO

Super Oil & Weather Resistant Flexible Cord

Application	Designed for extra hard usage in all applications especially where exposure to oil, grease, sunlight, and moisture is prevalent. Recognized by UL for applications as severe as those involving continuous immersion in oil. For mixers, polishers, washing machines, portable appliances, and industrial applications.
Insulation & Jacket	High quality proprietary PVC compound listed by UL and CSA certified. Also available with our proprietary TPE.
Temperature	105°C
Voltage	600 Volts – STOO, STOOW, SEOO, SEOOW 300 Volts – SJTOO, SJTOOW, SJEOO, SJEOOW

Low Temperature Oil & Weather Resistant Cord

Application	SEOOW – For heavy duty service to temperatures as low as -70°C when subjected to extra hard usage such as garage portable lights, battery chargers, portable stage lights, heavy tools, and equipment exposed to oils and acids. SJEOOW – For portable appliances, small motors, and tools when exposed to oils and acids.
Insulation & Jacket	High quality proprietary TPE compound rated at an operating temperature range of -70°C to 105°C and listed by UL as a class 36 material.
Temperature	-70°C to 105°C
Voltage	600 Volts – SEOOW 300 Volts – SJEOOW





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Type STOOW or SEOOW

Heavy Duty 600 Volt

AWG / Cond.	Insulation Thickness (inch)	Stranding	Nominal O.D. (inch)
18/2	.032	16/30	.345
18/3	.032	16/30	.365
18/4	.032	16/30	.390
16/2	.032	26/30	.370
16/3	.032	26/30	.390
16/4	.032	26/30	.415
14/2	.047	41/30	.500
14/3	.047	41/30	.530
14/4	.047	41/30	.570
12/2	.047	65/30	.575
12/3	.047	65/30	.600
12/4	.047	65/30	.650
10/2	.047	105/30	.625
10/3	.047	105/30	.660
10/4	.047	105/30	.710

Type SJTOW or SJEOOW

300 Volt

AWG / Cond.	Insulation Thickness (inch)	Stranding	Nominal O.D. (inch)
18/2	.032	16/30	.290
18/3	.032	16/30	.320
18/4	.032	16/30	.335
16/2	.032	26/30	.320
16/3	.032	26/30	.340
16/4	.032	26/30	.385
14/2	.047	41/30	.350
14/3	.047	41/30	.375
14/4	.047	41/30	.415
12/2	.047	65/30	.430
12/3	.047	65/30	.445
12/4	.047	65/30	.500
10/2	.047	105/30	.560
10/3	.047	105/30	.600
10/4	.047	105/30	.680