

Portable & Power Cords



SYCOR
TECHNOLOGY INC



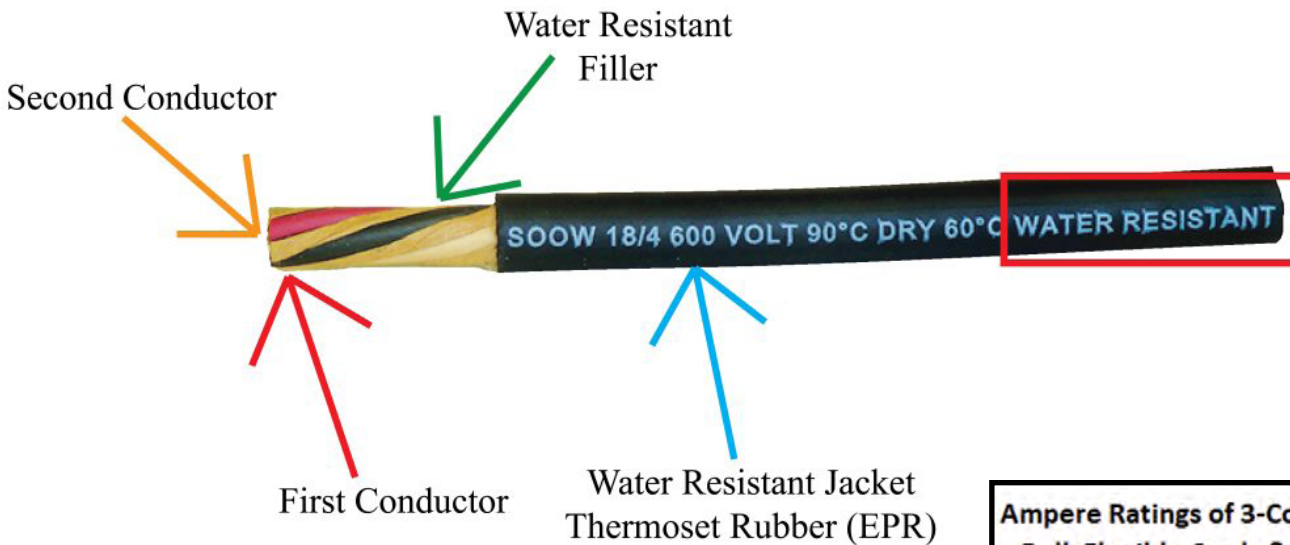
INDUSTRY



Sycor Technology Inc proudly offers an incredible variety of portable and power cords to meet the needs of customers' standard, specialized, and custom application requirements. Portable and power cords both serve the primary function of transmitting electrical power - a necessity in virtually every industry. Our power cords are available in a multitude of different gauges, materials, and conductor configurations. With our additional stock and specifications, we are able to provide a solution that will satisfy even the most demanding applications.

The main differentiation between portable and power cords lies in their applications. Portable cords are intended for use as temporary power supplies, whereas power cables are built for permanent installation. Power cords can be used in overhead, exposed, or even direct-burial applications and are most commonly used in the electric utility, industrial, and commercial markets.

The category of portable cords includes, but isn't limited to, SJT, SVT, SOOW, SEOOW, and STOOW. These cables can be used in an array of diverse applications, from appliances to motors. They offer great flexibility, are able to withstand harsh environments and are cost-effective solutions.



Inner Conductor Colours:		
Function	North American (NA)	International (ICC)
Hot	Black	Brown
Neutral	White	Blue
Earth (Ground)	Green	Green w/Yellow Stripe

Ampere Ratings of 3-Conductor Bulk Flexible Cords & Cables	
AWG Size	Types SE, SEO, SJE, SJEO, SJT, SJTO, ST, STO, SPT-1, SPT-2, SPT-3
18	10 AMPS
16	13 AMPS
14	18 AMPS
12	25 AMPS
10	30 AMPS
8	40 AMPS
6	55 AMPS
4	70 AMPS
2	95 AMPS

PRODUCT ANALYSIS



P
O
W
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R
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P
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C
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S

S -- Extra hard service flexible cord for general use at 600 volts, rated at 60° C. Rubber insulated and jacketed.

SE -- Extra hard service flexible cord for general use at 600 volts, rated at -58° F to +221° F. TPE thermoplastic elastomer insulated and jacketed.

SEO -- Type SE, but also rated oil resistant. SEOW-A Type SEO, but also rated for outdoor use at -58° F.

SEW-A -- Type SE, but additionally rated for outdoor use at -58° F.

SJ -- Hard service cord for general use at 300 volts, rated at 60° C, rubber insulated and jacketed.

SJE -- Hard service cord for general use at 300 volts, rated at -58° F to +221° F, TPE thermoplastic elastomer insulated and jacketed.

SJEO -- Type SJE, but rated as oil resistant.

SJEOW-A -- Type SJEO, but rated for outdoor use at -58° F.

SJT -- Hard service cord for general use at 300 volts, rated -4° F to +140° F, PVC thermoplastic insulated and jacketed.

SJTO -- Type SJT, but also rated oil resistant.

SJTOW-A -- Type SJTO, but rated for outdoor use at -31° F.

SJTW-A -- Type SJT, but rated for outdoor use at -31° F.

SOW-A -- Type SO, but also rated for outdoor use at -31° F.

SPT-1 -- Thermoplastic parallel cord for light-duty, 300 volts.

SPT-2 -- Type SPT-1, but heavier construction, 300 volts.

SPT-3 -- Type SPT-2, but heavier construction, 300 volts.

STO -- Type ST, but also rated oil resistant.

STOW-A -- Type STO, but rated for outdoor use at -31° F.

STW-A -- Type ST, but rated for outdoor use at -31° F.

SVT -- Vacuum cleaner cord, PVC thermoplastic insulated and jacketed rated 300 volts, 18 AWG and 16 AWG only, two conductors.

PRODUCTS



Junior Service (300V)

Type SJ

EPDM Insulation & CPE Jacket
300V, 90°C

Type SJTW

PVC Insulation & Jacket
300V, 90°C

Type SJOOW

EPDM Insulation & CPE Jacket
300V, 105°C

Type SJT

PVC Insulation & Jacket
300V, 105°C

Type SJEOOW

TPE Thermoplastic Elastomer Insulation & Jacket
300V, 105°C

Type SJTOW

PVC Insulation & Jacket
300V, 105°C

Extra Hard Service (600V)

Type SO

EPDM Insulation & CPE Jacket
600V, 90°C

Type SOOW

EPDM Insulation & CPE Jacket
600V, 90°C

Type SEOOW

TPE Thermoplastic Elastomer Insulation & Jacket
600V, 105°C

Type STW

PVC Insulation & Jacket
600V, 105°C

Type STO

PVC Insulation & Jacket
600V, 60°C

Type STOW

PVC Insulation & Jacket
600V, 105°C

*These are only some of the Portable & Power cords we have available. As a distributor, we have access to almost every type of construction, simply reach out and we'll find the solution you need!



CONTACTS



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