

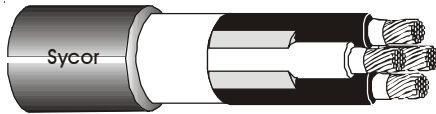


**SYCOR**

TECHNOLOGY INC.

## Portable Cord

**Type SOOW-A, Extra Hard Service-600 Volts**  
**Type SJOOW-A, Extra Hard Service-300 Volts**



### CONSTRUCTION:

Flexible stranded copper conductors with colour coded oil and flame resistant thermosetting elastomer insulation cabled with non-wicking oil and flame resistant thermosetting elastomer fillers, and overall heavy duty thermosetting polymer jacket.

### TEMPERATURE RATING:

105°C

### VOLTAGE RATING:

SOOW-A - 600 Volts  
 SJOOW-A - 300 Volts

### INSULATION:

Oil and flame resistant thermosetting elastomer.

### JACKET:

A 105°C heavy duty thermosetting polymer.

### APPLICATION:

Heavy-duty service, particularly where cutting oils, hydraulic fluids or other oil/chemicals are present and/or where superior flexing capabilities are required. For production lines and extra hard use in process industries and other manufacturing facilities; garages, portable lights, battery chargers, portable stage lights, heavy tools; equipment exposed to oil/chemicals, severe flexing and other tough environmental conditions.

### COLD BEND:

Meets UL cold bend test at -35°C

### APPROVALS:

UL listed

### Type SOOW-A-600 VOLTS

Sycor Part Number	No. of Con	Size AWG	Strand	Insul. Thick	Jack Thick.	O.D.	Amp	Approx Weight Lbs./Mf
SOOW182	2	18	41/34	.030"	.060"	.370"	10	78
SOOW183	3	18	41/34	.030"	.060"	.390"	10	92
SOOW184	4	18	41/34	.030"	.060"	.420"	7	108
SOOW162	2	16	65/34	.030"	.060"	.390"	13	91
SOOW163	3	16	65/34	.030"	.060"	.410"	13	105
SOOW164	4	16	65/34	.030"	.060"	.440"	10	132
SOOW142	2	14	104/34	.045"	.080"	.530"	18	150
SOOW143	3	14	104/34	.045"	.080"	.550"	18	179
SOOW144	4	14	104/34	.045"	.080"	.600"	15	220
SOOW122	2	12	165/34	.045"	.095"	.600"	25	196
SOOW123	3	12	165/34	.045"	.095"	.630"	25	245
SOOW124	4	12	165/34	.045"	.095"	.680"	20	285
SOOW102	2	10	259/34	.045"	.095"	.650"	30	236
SOOW103	3	10	259/34	.045"	.095"	.690"	30	303
SOOW104	4	10	259/34	.045"	.095"	.750"	25	371

### Type SJOOW-A-300 VOLTS

Sycor Part Number	No. of Con	Size AWG	Strand	Insul. Thick	Jack Thick.	O.D.	Amp	Approx Weight Lbs./Mf
SJOOW182	2	18	41/34	.030"	.030"	.310"	10	53
SJOOW183	3	18	41/34	.030"	.030"	.330"	10	66
SJOOW184	4	18	41/34	.030"	.030"	.360"	7	78
SJOOW162	2	16	65/34	.030"	.030"	.330"	13	63
SJOOW163	3	16	65/34	.030"	.030"	.350"	13	81
SJOOW164	4	16	65/34	.030"	.030"	.380"	10	98
SJOOW142	2	14	104/34	.030"	.030"	.360"	18	83
SJOOW143	3	14	104/34	.030"	.030"	.380"	18	105
SJOOW144	4	14	104/34	.030"	.030"	.420"	15	130

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