



Portable Cord

Type SOOW-A, Extra Hard Service – 600 V
 Type SJOOW-A, Extra Hard Service – 300 V

Description

Heavy-duty service, particularly where cutting oils, hydraulic fluids or other oil/chemicals are present and/or where superior flexing

Approvals

UL listed
 Meets UL cold bend test at -35°C

Construction

Flexible stranded copper conductors with separator and color coded oil and flame resistant thermosetting elastomer fillers, and overall heavy duty thermosetting polymer jacket.
 Oil and flame resistant thermosetting elastomer insulation.

Temperature Rating

-40°C to +90°C

Voltage Rating

SOOW-A-600 V
 SJOOW-A - 300 V

Application

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.



Type SOOW-A 600V

Sycor Part No	Size AWG	No of Cond.	Stranding	Insulation Thick.	Jack. Thickness	O.D.	Approx Weight Lbs./Mft.
SOOW182	18	2	16/30	0.030"	0.060"	0.35"	67
SOOW183	18	3	16/30	0.030"	0.060"	0.37"	84
SOOW184	18	4	16/30	0.030"	0.060"	0.39"	98
SOOW185	18	5	16/30	0.030"	0.060"	0.47"	138
SOOW162	16	2	26/30	0.030"	0.060"	0.37"	81
SOOW163	16	3	26/30	0.030"	0.060"	0.39"	94
SOOW164	16	4	26/30	0.030"	0.060"	0.42"	118
SOOW165	16	5	26/30	0.030"	0.060"	0.50"	155
SOOW142	14	2	41/30	0.050"	0.060"	0.50"	134
SOOW143	14	3	41/30	0.050"	0.060"	0.53"	169
SOOW144	14	4	41/30	0.050"	0.060"	0.57"	201
SOOW145	14	5	41/30	0.050"	0.060"	0.67"	275
SOOW122	12	2	65/30	0.050"	0.090"	0.57"	184
SOOW123	12	3	65/30	0.050"	0.090"	0.60"	224
SOOW124	12	4	65/30	0.050"	0.090"	0.65"	276
SOOW125	12	5	65/30	0.050"	0.090"	0.71"	326
SOOW102	10	2	104/30	0.050"	0.120"	0.62"	225
SOOW103	10	3	104/30	0.050"	0.120"	0.66"	299
SOOW104	10	4	104/30	0.050"	0.120"	0.71"	360
SOOW105	10	5	104/30	0.050"	0.120"	0.77"	418
SOOW083	8	3	133/29	0.060"	0.120"	0.85"	485
SOOW084	8	4	133/29	0.060"	0.120"	0.95"	619
SOOW085	8	5	133/29	0.060"	0.120"	1.03"	722
SOOW063	6	3	133/27	0.060"	0.120"	0.98"	700
SOOW064	6	4	133/27	0.060"	0.120"	1.13"	837
SOOW065	6	5	133/27	0.060"	0.120"	1.19"	979
SOOW043	4	3	133/25	0.060"	0.120"	1.14"	902
SOOW044	4	4	133/25	0.060"	0.120"	1.26"	1144
SOOW045	4	5	133/25	0.060"	0.120"	1.35"	1320
SOOW023	2	3	133/0.0223	0.060"	0.120"	1.31"	1277
SOOW024	2	4	133/0.0223	0.060"	0.120"	1.47"	1639
SOOW025	2	5	133/0.0223	0.060"	0.120"	1.59"	1925

Value Added Services



Cutting

Re-Spooling

Terminating

Number of Core	Colour	Tracer
1	Black	-
2	White	-
3	Red	-
4	Green	-
5	Orange	-
6	Blue	-
7	White	Black

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

www.sycor.com 1-800-268-9444 sales@sycor.com

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Type SOOW-A, Extra Hard Service – 600 V
 Type SJOOW-A, Extra Hard Service – 300 V

Type SJOOW-A 300V

Sycor Part No	Size AWG	No of Cond.	Stranding	Insulation Thick.	Jack. Thikness	O.D.	Approx Weight Lbs./Mft.	Ampacity
SJOOW182	18	2	16/30	0.030"	0.030"	0.28"	42	10
SJOOW183	18	3	16/30	0.030"	0.030"	0.30"	52	10
SJOOW184	18	4	16/30	0.030"	0.030"	0.33"	63	7
SJOOW185	18	5	16/30	0.030"	0.030"	0.36"	78	5.6
SJOOW162	16	2	26/30	0.030"	0.030"	0.31"	53	13
SJOOW163	16	3	26/30	0.030"	0.030"	0.33"	66	13
SJOOW164	16	4	26/30	0.030"	0.030"	0.36"	83	10
SJOOW165	16	5	26/30	0.030"	0.030"	0.39"	103	8
SJOOW142	14	2	41/30	0.030"	0.030"	0.34"	68	18
SJOOW143	14	3	41/30	0.030"	0.030"	0.36"	88	18
SJOOW144	14	4	41/30	0.030"	0.030"	0.40"	110	15
SJOOW145	14	5	41/30	0.030"	0.030"	0.44"	137	12
SJOOW122	12	2	65/30	0.030"	0.045"	0.41"	104	25
SJOOW123	12	3	65/30	0.030"	0.045"	0.43"	131	25
SJOOW124	12	4	65/30	0.030"	0.045"	0.47"	163	20
SJOOW125	12	5	65/30	0.030"	0.045"	0.51"	200	16
SJOOW102	10	2	103/30	0.045"	0.060"	0.54"	177	30
SJOOW103	10	3	103/30	0.045"	0.060"	0.58"	225	30
SJOOW104	10	4	103/30	0.045"	0.060"	0.63"	279	25