

## 600V AMERICAN MUSTANG® SOOW Cord with Yellow Jacket 105°C

600V, 105°C Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber Insulation and Heat, Moisture and Oil Resistant Flexible CPE Jacket, UL/CSA Listed.

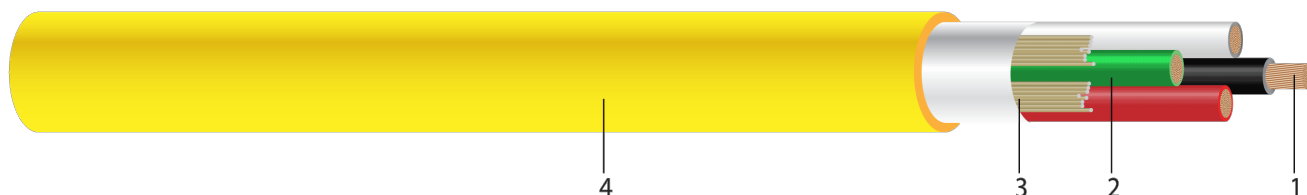


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

- Conductor:** Class K stranded bare copper per ASTM B-174
- Insulation:** Heat, moisture and oil resistant EPDM
- Filler:** Waxed paper or rubber fillers, with a full cotton serve or paper separator wrapped around the assembly
- Jacket:** Yellow CPE (Other colors available upon request)

### APPLICATIONS AND FEATURES:

Southwire Type SOOW Flexible Cords UL/ CSA listed are permitted for use as specified by Article 400 and related articles of the 2014 National Electrical Code. The cable is rated -40°C to 105°C, water, oil, and weather resistant. Southwire Type SOOW Flexible Cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights, welding leads, marine dockside power, power extensions and mining applications.

### SPECIFICATIONS:

- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables
- MSHA flame test - P07-KA070018-1MSHA
- Passes CSA FT2 Flame Test
- RoHS-2 (European Directive 2011/65/EU)
- NEC Article 400 Flexible Cords, Cables and Fixture Wire
- NEC Article 501.140 Class I Division 2
- Federal Specification J-C-580B

### SAMPLE PRINT LEGEND:

SOUTHWIRE® American Mustang® CORD X/C XX AWG (XXmm<sup>2</sup>) SOOW E46194 (UL) 600V -40C TO 105C -- CSA LL90458  
SOOW 600V -40C TO 105C FT2 WATER RESISTANT

### PACKAGING:

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.



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**Table 1 – Weights and Measurements**

Stock Number	Cond. Size AWG/Kcmil	Cond. Number Count	Cond. Strands # x AWG	Insul. Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Ampacity * Amp	DC Resistance Ω/1000ft
TBA	18	2	16/30	30	0.35	65	10	6.59
TBA	18	3	16/30	30	0.37	84	10	6.59
TBA	18	4	16/30	30	0.39	98	7	6.59
570214	16	2	26/30	30	0.37	81	13	4.05
630730	16	3	26/30	30	0.39	94	13	4.05
630727	16	4	26/30	30	0.42	118	10	4.05
598334	14	2	41/30	50	0.5	134	18	2.55
630721	14	3	41/30	50	0.53	169	18	2.55
596981	14	4	41/30	50	0.57	201	15	2.55
TBA	12	2	65/30	50	0.57	184	25	1.61
595327	12	3	65/30	50	0.6	224	25	1.61
630722	12	4	65/30	50	0.65	276	20	1.61
598724	10	2	104/30	50	0.62	225	30	0.98
630724	10	3	104/30	50	0.66	299	30	0.98
630725	10	4	104/30	50	0.71	360	25	0.98

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

\* Ampacities are based on TABLE 400.5(A) of the 2014 National Electrical Code and CEC Table 12.

**Table 2 – Weights and Measurements (Metric)**

Stock Number	Cond. Size AWG/Kcmil	Cond. Number Count	Cond. Strands # x AWG	Insul. Thickness mm	Approx. OD mm	Approx. Weight kg/km	Ampacity * Amp	DC Resistance Ω/km
TBA	18	2	16/30	0.76	8.89	97	10	21.62
TBA	18	3	16/30	0.76	9.40	125	10	21.62
TBA	18	4	16/30	0.76	9.91	146	7	21.62
570214	16	2	26/30	0.76	9.40	121	13	13.29
630730	16	3	26/30	0.76	9.91	140	13	13.29
630727	16	4	26/30	0.76	10.67	176	10	13.29
598334	14	2	41/30	1.27	12.70	199	18	8.37
630721	14	3	41/30	1.27	13.46	251	18	8.37
596981	14	4	41/30	1.27	14.48	299	15	8.37
TBA	12	2	65/30	1.27	14.48	274	25	5.28
595327	12	3	65/30	1.27	15.24	333	25	5.28
630722	12	4	65/30	1.27	16.51	411	20	5.28
598724	10	2	104/30	1.27	15.75	335	30	3.22
630724	10	3	104/30	1.27	16.76	445	30	3.22
630725	10	4	104/30	1.27	18.03	536	25	3.22



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## Color Code

# of Conductor	Color Sequence
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green



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