600V AMERICAN MUSTANG® SOOW Cord with Yellow Jacket 105°C. MSHA Approved

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.

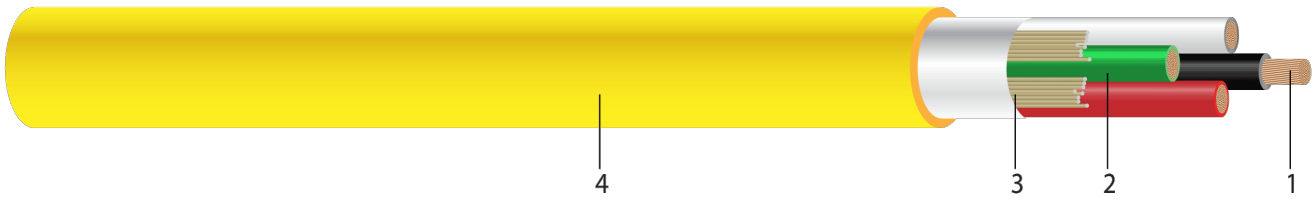

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B-174
2. **Insulation:** Heat, moisture and oil resistant EPDM
3. **Filler:** Waxed paper or rubber fillers, with a full cotton serve or paper separator wrapped around the assembly
4. **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-3 Complies with European Directive 2015/863
- NEC Article 400 Flexible Cords, Cables and Fixture Wire
- Federal Specification J-C-580B

SAMPLE PRINT LEGEND:

SOUTHWIRE® American Mustang® CORD X/C XX AWG (XXmm2) 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	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft		
570214	16	2	65	30	70	0.381	78	13	4.181	BK,WE	YW
630730	16	3	26	30	70	0.39	90	10	4.181	BK,WE,GN	YW
630727	16	4	26	30	65	0.415	104	8	4.181	BK,WE,RD,GN	YW
598334	14	2	41	45	90	0.513	133	18	2.621	BK,WE	YW
630721	14	3	41	45	85	0.525	156	15	2.621	BK,WE,GN	YW
596981	14	4	41	45	85	0.565	189	12	2.621	BK,WE,RD,GN	YW
570210	12	3	65	45	115	0.606	217	20	1.652	BK,WE,GN	YW
595327	12	3	65	45	115	0.611	220	20	1.652	BK,WE,GN	YW
630722	12	4	65	45	115	0.668	269	16	1.652	BK,WE,RD,GN	YW
630724	10	3	104	45	115	0.655	277	25	1.04	BK,WE,GN	YW
630725	10	4	104	45	105	0.71	337	20	1.04	BK,WE,RD,GN	YW

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)(1) of the 2023 National Electrical Code and CEC Table 12.
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp	Ω/km		
570214	16	2	65	0.76	1.78	9.68	116	13	13.72	BK,WE	YW
630730	16	3	26	0.76	1.78	9.91	134	10	13.72	BK,WE,GN	YW
630727	16	4	26	0.76	1.65	10.54	155	8	13.72	BK,WE,RD,GN	YW
598334	14	2	41	1.14	2.29	13.03	198	18	8.60	BK,WE	YW
630721	14	3	41	1.14	2.16	13.33	232	15	8.60	BK,WE,GN	YW
596981	14	4	41	1.14	2.16	14.35	281	12	8.60	BK,WE,RD,GN	YW
570210	12	3	65	1.14	2.92	15.39	323	20	5.42	BK,WE,GN	YW
595327	12	3	65	1.14	2.92	15.52	327	20	5.42	BK,WE,GN	YW
630722	12	4	65	1.14	2.92	16.97	400	16	5.42	BK,WE,RD,GN	YW
630724	10	3	104	1.14	2.92	16.64	412	25	3.41	BK,WE,GN	YW
630725	10	4	104	1.14	2.67	18.03	502	20	3.41	BK,WE,RD,GN	YW

* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.

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