300V AMERICAN MUSTANG® SJOOW Cord with Yellow Jacket 105°C. Silicone Free. MSHA Approved

300V, 105°C Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber Insulation and Sunlight, Heat, Moisture and Oil Resistant Flexible CPE Jacket, UL/CSA Listed.

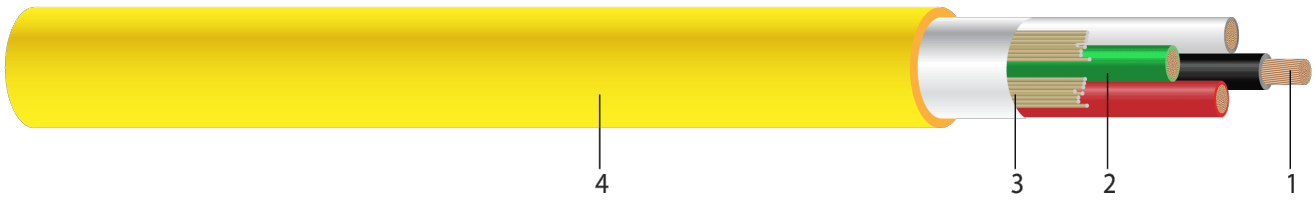


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B-174
2. **Insulation:** Heat, moisture and oil resistant EPDM
3. **Filler:** Paper fillers
4. **Jacket:** Yellow Sunlight, Heat, Moisture and Oil Resistant Flexible CPE (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type SJOOW 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 SJOOW 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
- Passes CSA FT2 Flame Test
- RoHS-3 Complies with European Directive 2015/863
- 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 (XXmm2) SJOOW E46194 (UL) 300V - 40C TO 105C -- CSA LL90458 SJOOW 300V -40C TO 105C FT2 WATER RESISTANT

PACKAGING:

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

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UPDATED: March 31, 2025, 12:34 a.m.UTC REVISION: 1.000.001

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		
630728	18	3	16	30	40	0.306	57	7	6.659	BK,WE,GN	YW
677043	16	2	65	30	45	0.315	55	13	4.181	BK,WE	YW
571581	16	3	65	30	40	0.328	69	10	4.181	BK,WE,GN	YW
677152	14	2	105	30	35	0.342	80	18	2.621	BK,WE	YW
596811	14	3	41	30	45	0.365	93	15	2.621	BK,WE,GN	YW
558188	14	4	41	30	40	0.394	112	12	2.621	BK,WE,RD,GN	YW
598340	12	3	65	30	60	0.459	143	20	1.652	BK,WE,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.
** Not a Federal and Military Specification JC-580B
*** Stock number: 677152 no paper fillers with Black jacket
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		
630728	18	3	16	0.76	1.02	7.77	85	7	21.85	BK,WE,GN	YW
677043	16	2	65	0.76	1.14	8.00	82	13	13.72	BK,WE	YW
571581	16	3	65	0.76	1.02	8.33	103	10	13.72	BK,WE,GN	YW
677152	14	2	105	0.76	0.89	8.69	119	18	8.60	BK,WE	YW
596811	14	3	41	0.76	1.14	9.27	138	15	8.60	BK,WE,GN	YW
558188	14	4	41	0.76	1.02	10.01	167	12	8.60	BK,WE,RD,GN	YW
598340	12	3	65	0.76	1.52	11.66	213	20	5.42	BK,WE,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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