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.

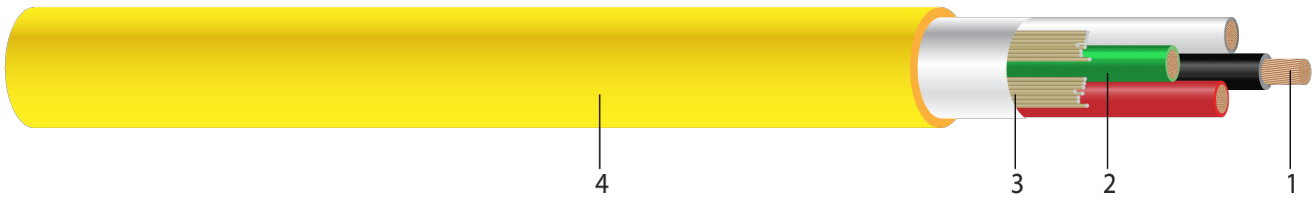


Image not to scale. See Table 1 for dimensions.

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.

Copyright © 2026 Southwire Company, LLC. All Rights Reserved
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		
677043	16	2	65	30	45	0.315	55	13	4.181	BK,WE	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		
677043	16	2	65	0.76	1.14	8.00	82	13	13.72	BK,WE	YW

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

Copyright © 2026 Southwire Company, LLC. All Rights Reserved