



## 300V AMERICAN MUSTANG® SJ00W 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.

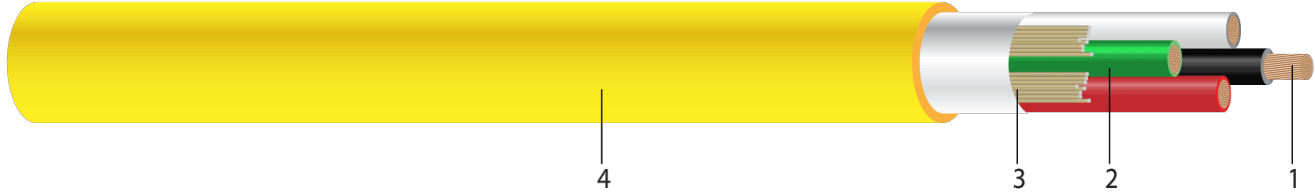


Image not to scale. See Table 1 for dimensions.

### 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 SJ00W 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 SJ00W 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 (XXmm<sup>2</sup>) SJ00W E46194 (UL) 300V - 40C TO 105C -- CSA LL90458  
SJ00W 300V -40C TO 105C FT2 WATER RESISTANT

### PACKAGING:

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





**Table 1 – Weights and Measurements**

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp		
630728	18	3	16	30	40	0.306	56	7	BK,WE,GN	YW
677043	16	2	65	30	45	0.315	56	13	BK,WE	YW
571581	16	3	65	30	40	0.328	68	10	BK,WE,GN	YW
677152	14	2	105	30	30	0.342	79	18	BK,WE	YW
596811	14	3	41	30	45	0.365	93	15	BK,WE,GN	YW
558188	14	4	41	30	40	0.394	112	12	BK,WE,RD,GN	YW
598340	12	3	65	30	60	0.430	139	20	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

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

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp		
630728	18	3	16	0.76	1.02	7.77	83	7	BK,WE,GN	YW
677043	16	2	65	0.76	1.14	8.00	83	13	BK,WE	YW
571581	16	3	65	0.76	1.02	8.33	101	10	BK,WE,GN	YW
677152	14	2	105	0.76	0.76	8.69	118	18	BK,WE	YW
596811	14	3	41	0.76	1.14	9.27	138	15	BK,WE,GN	YW
558188	14	4	41	0.76	1.02	10.01	167	12	BK,WE,RD,GN	YW
598340	12	3	65	0.76	1.52	10.92	207	20	BK,WE,GN	YW

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

**Color Code**

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

