

AMERICAN MUSTANG® SJOOW CORD

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

APPLICATIONS

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
- CSA Standard 22.2 No. 49
- NEC 400
- NEC 501.140 Class I Division 2
- Passes CSA FT2 Flame Test
- MSHA
- Federal and Military Specification JC-580B
- RoHS-2 (European Directive 2011/65/EU)

CONSTRUCTION

1. Conductors: Class K stranded bare copper per ASTM B-174
2. Insulation: EPDM
3. Jacket: Yellow CPE (Other colors available upon request)

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

SAMPLE INDENT LEGEND

P-07-KA070018-1-MSHA

PACKAGING

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



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One Southwire Drive, Carrollton, GA 30119, USA



AMERICAN MUSTANG® SJOOW CORD 300V, 105°C
Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber
Insulation and Heat, Moisture and Oil Resistant Flexible CPE



TABLE 1 - WEIGHTS & MEASUREMENTS

| Stock Code | Cond. Size AWG | No. of Cond. | No. of Strands | Insulation Thickness (Inchs) | Insulation Thickness (mm) | Nominal OD (Inchs) | Nominal OD (mm) | Nominal Weight (Lbs/Mft) | Nominal Weight (kg/km) |
|------------|----------------|--------------|----------------|------------------------------|---------------------------|--------------------|-----------------|--------------------------|------------------------|
| -- | 18 | 2 | 16/30 | 0.03 | 0.76 | 0.29 | 7.24 | 46 | 68 |
| 630728 | 18 | 3 | 16/30 | 0.03 | 0.76 | 0.31 | 7.75 | 60 | 89 |
| 598778 | 18 | 4 | 16/30 | 0.03 | 0.76 | 0.33 | 8.38 | 73 | 109 |
| -- | 16 | 2 | 26/30 | 0.03 | 0.76 | 0.31 | 7.87 | 55 | 82 |
| 571581 | 16 | 3 | 26/30 | 0.03 | 0.76 | 0.33 | 8.38 | 74 | 110 |
| -- | 16 | 4 | 26/30 | 0.03 | 0.76 | 0.36 | 9.07 | 85 | 126 |
| -- | 14 | 2 | 41/30 | 0.03 | 0.76 | 0.34 | 8.64 | 75 | 112 |
| 596811 | 14 | 3 | 41/30 | 0.03 | 0.76 | 0.37 | 9.27 | 100 | 149 |
| 558188 | 14 | 4 | 41/30 | 0.03 | 0.76 | 0.40 | 10.03 | 119 | 177 |
| -- | 12* | 2 | 65/30 | 0.03 | 0.76 | 0.41 | 10.41 | 108 | 161 |
| 598340 | 12* | 3 | 65/30 | 0.03 | 0.76 | 0.43 | 10.92 | 150 | 223 |
| -- | 12* | 4 | 65/30 | 0.03 | 0.76 | 0.48 | 12.07 | 176 | 262 |
| -- | 10* | 2 | 104/30 | 0.05 | 1.14 | 0.62 | 15.75 | 226 | 336 |
| -- | 10* | 3 | 104/30 | 0.05 | 1.14 | 0.57 | 14.45 | 244 | 363 |
| -- | 10* | 4 | 104/30 | 0.05 | 1.14 | 0.64 | 16.13 | 302 | 449 |

TABLE 2 - ELECTRICAL AND ENGINEERING DATA

| Stock Code | † Amps | Nom. DCR Ω/1M' | Color Code |
|------------|--------|----------------|--------------------------|
| -- | 10 | 6.59 | Black, White |
| 630728 | 10 | 6.59 | Black, White, Green |
| 598778 | 7 | 6.59 | Black, White, Red, Green |
| -- | 13 | 4.05 | Black, White |
| 571581 | 13 | 4.05 | Black, White, Green |
| -- | 10 | 4.05 | Black, White, Red, Green |
| -- | 18 | 2.55 | Black, White |
| 596811 | 18 | 2.55 | Black, White, Green |
| 558188 | 15 | 2.55 | Black, White, Red, Green |
| -- | 25 | 1.61 | Black, White |
| 598340 | 25 | 1.61 | Black, White, Green |
| -- | 20 | 1.61 | Black, White, Red, Green |
| -- | 30 | 0.98 | Black, White |
| -- | 30 | 0.98 | Black, White, Green |
| -- | 25 | 0.98 | Black, White, Red, Green |

All dimensions are nominal and subject to nominal manufacturing tolerances

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

* Not a Federal and Military Specification JC-580B

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