



300V AMERICAN MUSTANG® SAFEGUARD™ Type SJOOW Cord with Yellow Jacket 105°C. MSHA Approved

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.



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
4. **Separator:** Paper separator wrapped around the assembly
5. **Jacket:** Yellow CPE (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire AMERICAN MUSTANG® SAFEGUARD™ Type SJOOW Flexible Cords are UL/ CSA listed and permitted for use as specified by Article 400 and related articles of the 2023 National Electrical Code®. The cable is rated -40°C to 105°C, water, oil, and weather resistant. SAFEGUARD™ Type SJOOW Flexible Cords are designed for hard usage on industrial equipment and tools in the food and beverage industry in Zone 2 Splash zone. Microbial additive helps to resist 99.9% of bacteria specifically S. Aureus and E. Coli.

SPECIFICATIONS:

- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables
- Exceeds Ecolab PM-40-1 Material Resistance Test With 30-day Exposure, UL Verified V747862
- MSHA Approved
- RoHS-3 Complies with European Directive 2015/863

SAMPLE PRINT LEGEND:

{SQFTG} SOUTHWIRE® American Mustang® SAFEGUARD{TM} CORD X/C XX AWG (XX{mm2}) SJOOW E46194 {UL} 300V -40°C TO 105°C -- {CSA} LL90458 SJOOW 300V -40°C TO 105°C FT2 WATER RESISTANT --- P-07-KA190005-MSHA





Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Insul. Thickness | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity | Jacket Color |
|--------------|------------|--------------|---------------|------------------|------------------|------------|----------------|----------|--------------|
| | AWG/Kcmil | No. | No. | mil | mil | inch | lb/1000ft | Amp | |
| 138668 | 16 | 4 | 65 | 30 | 40 | 0.355 | 81 | 8 | Yellow |

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) of the 2023 National Electrical Code and CEC Table 12.

Table 2 – Weights and Measurements (Metric)

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Insul. Thickness | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity * | Jacket Color |
|--------------|------------|--------------|---------------|------------------|------------------|------------|----------------|------------|--------------|
| | AWG/Kcmil | No. | No. | mm | mm | mm | kg/km | Amp | |
| 138668 | 16 | 4 | 65 | 0.76 | 1.02 | 9.02 | 121 | 8 | Yellow |

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

