



## 600V AMERICAN MUSTANG SAFEGUARD® Type SOOW Cord with Yellow Jacket 105°C. MSHA Approved

600V, 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 SOOW 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 SOOW Flexible Cords are designed for extra hard usage on industrial equipment and heavy 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® CORD X/C XX AWG (XX{mm<sup>2</sup>}) SOOW E46194 {UL} 600V -40°C TO 105°C -- {CSA} LL90458 SOOW 600V -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 | Insul. Color | Jacket Color |
|--------------|---------------|--------------|---------------|------------------|------------------|------------|----------------|----------|--------------|--------------|
|              | AWG/<br>Kcmil | No.          | No.           | mil              | mil              | inch       | lb/1000ft      | Amp      |              |              |
| 138666       | 10            | 4            | 104           | 45               | 95               | 0.720      | 334            | 20       | BK,WE,RD,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) of the 2023 National Electrical Code and CEC Table 12.

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 * | Insul. Color | Jacket Color |
|--------------|---------------|--------------|---------------|------------------|------------------|------------|----------------|------------|--------------|--------------|
|              | AWG/<br>Kcmil | No.          | No.           | mm               | mm               | mm         | kg/km          | Amp        |              |              |
| 138666       | 10            | 4            | 104           | 1.14             | 2.41             | 18.29      | 497            | 20         | BK,WE,RD,GN  | YW           |

\* 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 |

