



# 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
- 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{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 | Jacket Color |
|--------------|------------|--------------|---------------|------------------|------------------|------------|----------------|----------|--------------|
|              | AWG/Kcmil  | No.          | No.           | mil              | mil              | inch       | lb/1000ft      | Amp      |              |
| 138655       | 18         | 3            | 16            | 30               | 70               | 0.370      | 74             | 7        | Yellow       |
| 138656       | 16         | 2            | 65            | 30               | 70               | 0.370      | 71             | 13       | Yellow       |
| 138657       | 16         | 3            | 65            | 30               | 65               | 0.397      | 86             | 10       | Yellow       |
| 138658       | 16         | 4            | 65            | 30               | 75               | 0.427      | 106            | 8        | Yellow       |
| 138659       | 14         | 2            | 41            | 45               | 80               | 0.534      | 138            | 18       | Yellow       |
| 138660       | 14         | 3            | 41            | 45               | 80               | 0.534      | 156            | 15       | Yellow       |
| 138661       | 14         | 4            | 41            | 45               | 90               | 0.569      | 187            | 12       | Yellow       |
| 138662       | 12         | 3            | 65            | 45               | 115              | 0.606      | 209            | 20       | Yellow       |
| 138663       | 12         | 4            | 65            | 45               | 95               | 0.660      | 261            | 16       | Yellow       |
| 138664       | 10         | 3            | 104           | 45               | 105              | 0.665      | 278            | 25       | Yellow       |
| 138666       | 10         | 4            | 104           | 45               | 95               | 0.720      | 334            | 20       | 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        |              |
| 138655       | 18         | 3            | 16            | 0.76             | 1.78             | 9.40       | 110            | 7          | Yellow       |
| 138656       | 16         | 2            | 65            | 0.76             | 1.78             | 9.40       | 106            | 13         | Yellow       |
| 138657       | 16         | 3            | 65            | 0.76             | 1.65             | 10.08      | 128            | 10         | Yellow       |
| 138658       | 16         | 4            | 65            | 0.76             | 1.91             | 10.85      | 158            | 8          | Yellow       |
| 138659       | 14         | 2            | 41            | 1.14             | 2.03             | 13.56      | 205            | 18         | Yellow       |
| 138660       | 14         | 3            | 41            | 1.14             | 2.03             | 13.56      | 232            | 15         | Yellow       |
| 138661       | 14         | 4            | 41            | 1.14             | 2.29             | 14.45      | 278            | 12         | Yellow       |
| 138662       | 12         | 3            | 65            | 1.14             | 2.92             | 15.39      | 311            | 20         | Yellow       |
| 138663       | 12         | 4            | 65            | 1.14             | 2.41             | 16.76      | 388            | 16         | Yellow       |
| 138664       | 10         | 3            | 104           | 1.14             | 2.67             | 16.89      | 414            | 25         | Yellow       |
| 138666       | 10         | 4            | 104           | 1.14             | 2.41             | 18.29      | 497            | 20         | 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 |

